## Dickinson College Bulletin



April, 1949

CATALOGUE NUMBER

ANNOUNCEMENTS

**CARLISLE - PENNSYLVANIA** 

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Dickinson College Bulletin April, 1949 Vol. XLII — No. 4

# DICKINSON COLLEGE BULLETIN

One Hundred Seventy-sixth Edition 1773-1949



1948-1949 ANNUAL SESSION

VOLUME XLII No. 4

## **ACCREDITATION**

Dickinson College is a fully accredited college of liberal arts and sciences. Its curriculum, standards and physical aspects have been approved by the following educational agencies:

THE ASSOCIATION OF AMERICAN UNIVERSITIES

THE ASSOCIATION OF AMERICAN COLLEGES

THE MIDDLE STATES ASSOCIATION OF COLLEGES

AND SECONDARY SCHOOLS

THE PENNSYLVANIA STATE DEPARTMENT OF EDUCATION

THE REGENTS OF THE UNIVERSITY OF THE STATE OF NEW YORK

THE UNIVERSITY SENATE OF THE METHODIST CHURCH

## COLLEGE CALENDAR

September 12, 1949 to June 4, 1950

Fall Session Opens -Monday, September 12, 1949

Freshman Orientation Begins-Monday, September 12, 1949 at 9:30 A. M.

College Assembly -Thursday, September 15, 1949 at 2:30 P. M.

Classes Begin -Friday, September 16, 1949 at 8:30

A. M. Thanksgiving Recess -Wednesday, November 23, 1949 at

12:30 P. M. until Monday, November 28, 1949 at 8:30 A. M.

Christmas Recess -Saturday, December 17, 1949 at 12:30 P. M. until Tuesday, January 3, 1950 at 8:30 A. M.

Final Examinations Begin -Monday, January 16, 1950 Fall Session Closes -Saturday, January 28, 1950

-Monday, January 30, 1950 at 8:30 Spring Session Begins

A. M.

-Sunday, February 12, 1950 to Thurs-Religion-in-Life Week day, February 16, 1950.

College Holiday -Wednesday, February 22, 1950

-Friday, March 10, 1950 to Sunday, Interfraternity Week-end March 12, 1950.

-Saturday, April 1, 1950 at 12:30 Spring Recess P. M. until Tuesday, April 11, 1950 at 8:30 A. M.

Sophomore Testing Program —April, 1950

Senior Comprehensive -May, 1950 Examinations

Final Examinations Begin

Founders' Day -Thursday, May 4, 1950. -Friday, May 19, 1950

-Tuesday, May 30, 1950 College Holiday

-Sunday, June 4, 1950 Commencement

## BOARD OF TRUSTEES

## OFFICERS

OFFICERS				
BOYD LEE SPAHR, A.M., LL.D				
MEMBERS OF THE BOARD				
WILLIAM W. EDEL, D.D., L.H.D Ex Officio GILBERT MALCOLM, A.M., LL.D Ex Officio				
First Elected Term Expires 1949				
1933 S. M. Drayer				
Term Expires 1950				
1906 J. Henry Baker, A.M				

1917	ROBERT F. RICH, Ph.B		Woolrich
1943	KARL E. RICHARDS, Ph.B		Harrisburg
1946	WILLIAM C. SAMPSON, A.M., Sc.D		Drexel Hill
1908	BOYD LEE SPAHR, A.M., LL.D		Philadelphia
1917	RUBY R. VALE, A.M., D.C.L		Philadelphia
1948	SAMUEL W. WITWER, JR., A.B., LL.B	I	Riverside, Ill.

## Term Expires 1951

1948 MERLE W. ALLEN
1917 G. HAROLD BAKER, Ph.B Aberdeen, Md.
1943 James T. Buckley Philadelphia
1931 RAPHAEL S. HAYS, A.B Carlisle
1925 Dean Hoffman, A.B
1915 LLOYD WELLINGTON JOHNSON, Ph.B., A.M Caldwell, N. J.
1934 CHARLES W. KITTO, D.D Philadelphia
1923 Andrew H. Phelps, D.C.S Mt. Lebanon
1935 ROBERT H. RICHARDS, A.M., LL.D Wilmington, Del.
1930 S. Walter Stauffer, Ph.B. (Alumni Trustee) . York
1919 James G. Steese, A.M., Sc.D Washington, D. C.

## Term Expires 1952

1930 Lewis M. Bacon, Ph.B. (Alumni Trustee)	Baltimore, Md.
1905 EDWARD M. BIDDLE, JR., Ph.B., LL.D.	. Carlisle
1944 Fred P. Corson, D.D., LL.D	Philadelphia
1945 WILLIAM L. ESHELMAN, Ph.B	. Mohnton
1937 George H. Ketterer, D.D	Warrior's Mark
1945 SIDNEY D. KLINE, A.M., LL.B	. Reading
1920 JOHN M. RHEY, A.M., LL.B	. Carlisle
1947 HOWARD W. SELBY, B.S West	Newton, Mass.

#### STANDING COMMITTEES

#### **EXECUTIVE COMMITTEE:**

Boyd Lee Spahr, *Chairman*; J. Henry Baker, Edward M. Biddle, Jr., James T. Buckley, Fred P. Corson, S. M. Goodyear, Raphael S. Hays, Merkel Landis, Frank E. Masland, Jr., Charles E. Pet-

tinos, Andrew H. Phelps, John M. Rhey, Robert F. Rich, Robert H. Richards, S. Walter Stauffer, Ruby R. Vale, Gilbert Malcolm, William W. Edel.

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## COMMITTEE ON NOMINATIONS:

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#### COMMITTEE ON HONORARY DEGREES:

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Faculty Members: William W. Edel, Chairman; E. A. Vuilleumier, Arthur V. Bishop.

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GEORGE SHUMAN, JR Vice-Chairman
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WALTER H. HITCHLER Law School
GILBERT MALCOLM Faculty
BENJAMIN D. JAMES Faculty
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Donald H. Goodyear Alumni
BOYD LEE SPAHR Ex Officio
EUGENE A. EVANS Student Representative

## FACULTY

#### WILLIAM WILCOX EDEL

The President of the College, Lemuel T. Appold Foundation, A.B., Dickinson, 1915; A.M., 1919; D.D., 1935; S.T.B., Boston University School of Theology, 1921; L.H.D., Keuka College, 1944; D.D., Hobart College, 1944.

#### GILBERT MALCOLM

Vice President,

Ph.B., Dickinson College, 1915; A.M., 1917; LL.B., Dickinson School of Law, 1917; LL.D., Western Maryland College, 1948.

#### RUSSELL IRVIN THOMPSON

Dean of the College, Richard V. C. Watkins Professor of Education and Psychology, Chairman of the Department of Education and Psychology,

A.B., Dickinson College, 1920; Ph.D., Yale University, 1932.

#### PROFESSORS EMERITUS

#### FORREST EUGENE CRAVER

Professor Emeritus of Physical Education,

A.B., Dickinson College, 1899; A.M., Dickinson College, 1901; Sc.D., Dickinson College, 1947.

## JOSEPHINE BRUNYATE MEREDITH

Professor Emerita of English

A.B., Dickinson College, 1901; A.M., 1902.

#### CHARLES LOWE SWIFT

Associate Professor Emeritus of English A.M., Dickinson College, 1910.

#### **PROFESSORS**

## HERBERT WING, JR.

Robert Coleman Professor of History, Chairman of the Department of History, Dean of the Class of 1949,

A.B., Harvard College, 1909; A.M., University of Wisconsin, 1911; Ph.D., 1915.

#### ERNEST ALBERT VUILLEUMIER

Professor of Chemistry, Chairman of the Department of Chemistry, B.S., University of Pennsylvania, 1914; Ph.D., University of Berne, Switzerland, 1918.

#### LEWIS GUY ROHRBAUGH

Professor of Philosophy and Religion, Chairman of the Department of Philosophy and Religion, Marshal of the College,

A.B., Dickinson College, 1907; A.M., 1910; B.D., Drew University, 1910; Ph.D., State University of Iowa, 1922.

#### MILTON WALKER EDDY

Professor of Biology, Chairman of the Department of Biology, B.S., Northwestern University, 1910; M.S., 1912; Ph.D., University of Pennsylvania, 1929.

#### ARTHUR VAUGHAN BISHOP

A. J. Clarke Professor of Classical Languages and Literatures, Chairman of the Department of Classical Languages and Literatures, Dean of the Class of 1951,

B.S., Virginia Polytechnic Institute, 1906; M.A., University of Virginia, 1911; Ph.D., 1913.

#### WELLINGTON AMOS PARLIN

Professor of Physics, Chairman of the Department of Physics, A.B., Simpson College, 1921; M.S., University of Iowa, 1922; Ph.D., Johns Hopkins University, 1929.

## JOHN CRAWFORD MILTON GRIMM

Professor of Romance Languages, Chairman of the Department of Modern Languages and Literatures, Secretary of the Faculty, B.A., Ohio State University, 1911; M.A., 1912; Ph.D., University of Pennsylvania, 1916.

#### HORACE ELTON ROGERS

Professor of Analytical Chemistry,

B.S., Dickinson College, 1924; M.S., Lafayette College, 1925; Ph.D., Princeton University, 1930.

## Frank Ayres, Jr.

Susan Powers Hoffman Professor of Mathematics, Chairman of the Department of Mathematics,

B.S., Washington College, 1921; S.M., University of Chicago, 1927; Ph.D., 1938.

#### WILLIAM DRUM GOULD

Professor of Philosophy and Religion,

A.B., Wesleyan University, 1919; B.D., Garrett Biblical Institute, 1922; Ph.D., Boston University, 1929.

#### ERIC WOLLENCOTT BARNES

Professor of English, Chairman of the Department of English, Licence es Lettres, University of Paris, 1927; Diplome d'Etudes Superieures, 1928; D.Litt., 1940.

#### WILLIAM LONSDALE TAYLER

Professor of Political Science, Chairman of the Department of Political Science,

B.A., University of Texas, 1927; M.A., American University, 1928; M.A., Columbia University, 1929; Ph.D., 1935.

#### CHARLES DAVID KEPNER

Professor of Sociology, Chairman of the Department of Sociology, B.A., Williams College, 1916; A.M., Harvard University, 1917; S.T.B., Andover Theological Seminary, 1922; Ph.D., Columbia University, 1936.

#### ASSOCIATE PROFESSORS

#### MULFORD STOUGH

Associate Professor of History,

A.B., Washington and Lee University, 1911; M.A., University of Pennsylvania, 1925.

#### MARY BUCKLEY TAINTOR

Associate Professor of Romance Languages,

A.B., Ripon College, 1911; A.M., Leland Stanford Jr. University, 1918.

#### CORNELIUS WINFIELD FINK

Associate Professor of Economics, Chairman of the Department of Economics,

A.B., Muskingum College, 1914; A.M., Ohio State University, 1924.

#### RALPH SCHECTER

Associate Professor of English, Director of Music, A.B., University of Illinois, 1916.

#### ELMER CHARLES HERBER

Associate Professor of Biology,

A.B., Ursinus College, 1925; A.M., University of Pennsylvania, 1929; Sc.D., Johns Hopkins University, 1941.

#### WHITFIELD JENKS BELL, JR.

Associate Professor of History, Historian of the College, A.B., Dickinson College, 1935; A.M., University of Pennsylvania, 1938; Ph.D., 1947.

## BENJAMIN DAVID JAMES

Associate Professor of Education, Director of Admissions and Dean of the Freshman Class,

A.B., Dickinson College, 1934; M.A., Bucknell University, 1936.

#### MAY MORRIS

Librarian with rank of Associate Professor,

Ph.B., Dickinson College, 1909; Graduate, Pratt Institute School of Library Science, 1917.

#### RALPH ROSS RICKER

Associate Professor of Political Science,
A.B., Pennsylvania State College, 1930; M.A., 1936.

#### HAROLD WILDIE WEIGEL

Associate Professor of German,

A.B., Dickinson College, 1930; M.A., Pennsylvania State College, 1931; Ph.D., 1940.

#### WILLIAM SLOANE

Associate Professor of English,

A.B., Hamilton College, 1932; M.A., Columbia University, 1933; Ph.D., 1947.

#### FRIEDRICH SANDELS

Associate Professor of German, Ph.D., University of Giessen, Germany, 1912.

#### HELEN BURNS NORCROSS

Dean of Women with rank of Associate Professor, Ph.B., Dickinson College, 1912; A.M., 1914.

#### Amos Benjamin Horlacher

Dean of Men with rank of Associate Professor,

A.B., Wesleyan University, 1926; S.T.B., Union Theological Seminary, 1929; D.D., Wesleyan University, 1943.

#### CHARLES HENRY BELLOWS KENNEDY

Associate Professor of Physical Education, Director of Athletics, Ph.B., Dickinson College, 1934; M.Ed., Pennsylvania State College, 1940.

#### ROY RAYMOND KUEBLER, JR.

Associate Professor of Mathematics,

A.B., Dickinson College, 1933; A.M., University of Pennsylvania, 1947.

#### CHARLES COLEMAN SELLERS\*\*

Curator of Dickinsoniana with rank of Associate Professor, A.B., Haverford College, 1925; A.M., Harvard University, 1926.

#### ASSISTANT PROFESSORS

#### RAYMOND PALMER GARBER BOWMAN

Assistant Professor of Psychology, Registrar of the College, B.S., Bridgewater College, 1923; M.S., University of Virginia, 1930; Ph.D., 1938.

#### RICHARD HENRY MACANDREWS

Assistant Professor of Physical Education.

#### HENRY ELMORE SMITH

Assistant Professor of Physics,

Ph.B., Dickinson College, 1911; M.A., Columbia University, 1938.

#### STACEY ELLIOT EATON\*

Assistant Professor of Romance Languages,

A.B., Clark University, 1921; A.M., Bates College, 1927; Ed.M., Harvard University, 1935.

## JOHN CHRISTIAN PFLAUM

Assistant Professor of History, Dean of the Class of 1950, B.S., University of Pennsylvania, 1925; M.A., 1929.

<sup>\*</sup> On Leave of Absence 1948-1949.

<sup>\*\*</sup> Effective September, 1949.

#### JOHN REIGLE EMBICK

Assistant Professor of Geology and Chemistry,

B.A., Gettysburg College, 1917; M.A., Columbia University, 1936.

#### DONALD RAY MORRISON

Assistant Professor of Psychology,

A.B., Dickinson College, 1941.

#### CHARLES FLINT KELLOGG\*

Assistant Professor of History,

A.B., Bard College of Columbia University, 1931; M.A., Harvard University, 1933.

#### WALTER THOMAS JAMES\*\*

Assistant Professor of Philosophy and Religion,

Ph.B., Dickinson College, 1941; B.D., Drew University, 1944; M.A., Columbia University, 1946.

#### WALTER HUGO NIEHOFF

Assistant Professor of Political Science,

B.A., Lafayette College, 1932; M.A., Pennsylvania State College, 1936.

#### WILLIAM WRIGHT KIRK

Assistant Professor of Modern Languages,

A.B., University of Delaware, 1930; M.A., Middlebury French School, 1935.

#### FRANCIS W. WARLOW

Assistant Professor of English,

A.B., Johns Hopkins University, 1931; M.A., University of Pennsylvania, 1946.

## JAMES CLAIR McCullough

Assistant Professor of Education,

Ph.B., Dickinson College, 1909; A.M., 1912; Ph.D., New York University, 1939.

## MILTON EMBICK FLOWER

Assistant Professor of Fine Arts,

A.B., Dickinson College, 1931; A.M., Columbia University, 1938; Ph.D., 1946.

<sup>\*</sup> On Leave of Absence 1948-1949.

<sup>\*\*</sup> On Leave of Absence 1948-1950.

#### RICHARD HENRY WANNER

Assistant Professor of Education and Psychology,

A.B., Franklin and Marshall College, 1939; Ed.M., Harvard University, 1941.

#### DAVID IVAN GLEIM

Assistant Professor of Chemistry,

B.S., Franklin and Marshall College, 1918; M.A., Columbia University, 1920.

#### WILLIAM ROBERT BOWDEN

Assistant Professor of English,

A.B., Haverford College, 1935; A.M., Duke University, 1937; Ph.D., Yale University, 1948.

#### THELMA MAY SMITH

Assistant Professor of English,

A.B., Dickinson College, 1935; A.M., University of Pennsylvania, 1942; Ph.D., 1945.

#### GEORGE REDMAN GARDNER

Assistant Professor of Accounting,

A.B., Bowdoin College, 1901; A.M., Columbia University, 1913.

## CHESTER EDWARD JARVIS

Assistant Professor of Political Science,

A.B., University of California, 1932; M.A., 1942.

#### FERDINANDO DANTE MAURINO

Assistant Professor of Romance and Classical Languages,

A.B., City College of New York, 1939; A.M., Columbia, 1941; Ph.D., 1949.

#### ARTHUR MAX PRINZ

Assistant Professor of Economics,

Ph.D., University of Berlin, 1923.

#### CAROLINE H. KENNEDY

Assistant Professor of Modern Languages,

A.B., Birmingham-Southern College, 1926; A.M., University of Alabama, 1930; Docteur d' Université, Université Laval, 1941.

#### **INSTRUCTORS**

FRANCES FACKLER SMITH

Instructor in Physical Education,
B.S., West Chester State Teachers College, 1941.

JOSEPH BURKHOLDER SMITH

Instructor in History,

A.B., Harvard College, 1943.

ANNA JARMAN COOPER

Reference Librarian with rank of Instructor, B.S., New York University, 1938; M.A., 1942.

JOHN STOHLER STECKBECK

Instructor in Physical Education,

B.S., West Chester State Teachers College, 1936.

MARGARET MARTIN SLOANE

Instructor in French,

A.B., Dickinson College, 1935.

BOB LEE MOWERY

Catalogue Librarian with rank of Instructor,

A.B., Catawba College, 1941; B.L.S., University of Chicago, 1947.

ELINOR MAE DOBSON

Assistant Catalogue Librarian with rank of Instructor,

A.B., Mary Washington College, 1946; B.S. in L.S., Drexel Institute of Technology, 1947.

DANIEL A. ZARET

Instructor in Modern Languages,

Graduate, Simferopol Gymnasia, 1914; M.A., Moscow University, 1919; Special Student, Madrid University, 1932-1934.

ROBERT VINCENT PRICE

Instructor in Mathematics,

A.B., Missouri Valley College, 1944; M.A., Columbia University, 1947.

Guido M. Crocetti

Instructor in Sociology,

B.S., Rutgers University, 1941.

#### ROBERT MORROW WISE

Instructor in German,

A.B., Gettysburg College, 1928; B.D., Gettysburg Theological Seminary, 1931.

#### LUCIE FITZPATRICK

Instructor in Modern Languages,

B.S.E., Boston University, 1925; M.A., Middlebury College, 1931.

#### DAVID HARVEY KIRK

Instructor in Physical Education,

B.S., West Chester State Teachers College, 1947.

#### JEANNETTE BASTRESS HINKEL

Instructor in Physical Education,

A.B., Dickinson College, 1934.

#### JOHN WESLEY ROBB

Instructor in Philosophy and Religion,

A.B., Greenville College, 1941; Th.M., University of Southern California, 1945.

#### BERTRAM HYLTON DAVIS

Instructor in English,

A.B., Columbia University, 1941; A.M., 1948.

#### OSCAR WEAMER NESTOR

Instructor in Economics,

B.S., Thiel College, 1947; M.B.A., University of Pennsylvania, 1948.

#### WILLIAM HARRY MCGEE

Instructor in Biology,

B.S., Indiana State Teachers College, 1941; M.S., Kansas State College, 1948.

#### OFFICERS OF ADMINISTRATION

WILLIAM W. EDEL, L.H.D. The President of the College

GILBERT MALCOLM, LL.D. Vice President

Russell I. Thompson, Ph.D. Dean of the College

Benjamin D. James, M.A.

Director of Admissions
Dean of the Freshman Class

ARTHUR V. BISHOP, Ph.D. Dean of the Class of 1951

HERBERT WING, JR., Ph.D. Dean of the Class of 1949

JOHN C. PFLAUM, A.M. Dean of the Class of 1950

HELEN BURNS NORCROSS, A.M. Dean of Women

Amos B. Horlacher, D.D. Dean of Men

RAYMOND P. G. BOWMAN, Ph.D. Registrar

Lewis G. Rohrbaugh, Ph.D. Marshal of the College

WHITFIELD J. BELL, JR., Ph.D. Historian of the College

JOHN C. M. GRIMM, Ph.D. Secretary of the Faculty

CHARLES H. B. KENNEDY, M.Ed. Director of Athletics

May Morris, A.B. Librarian

Anna Jarman Cooper, M.A. Reference Librarian

Bob Lee Mowery, B.L.S. Catalogue Librarian

ELINOR MAE DOBSON, B.S. in L.S. Assistant Catalogue Librarian

Annie Louise Bowman, B.S. Library Assistant

Lucy Holt Doney, B.S. Library Assistant

George Shuman, Jr., Ph.B.

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Superintendent of Grounds and Buildings

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Assistant Treasurer

George A. Bobletz
Assistant Treasurer

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MIRIAM MOODY

Assistant to the Registrar

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Assistant to the Director of Admissions

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Mrs. Lina E. Cunningham Residence Supervisor, East College

Mrs. M. H. Lukens Residence Supervisor, Gibbs House

Mrs. Marion R. Adamson
Assistant to Residence Supervisors

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Edward S. Kronenberg, Jr., M.D.

College Physician for Women

Margaret A. Eppley, R.N.

Director of the Health Center

#### COMMITTEES OF THE FACULTY

for 1948-1949

#### POLICY

President Edel, *Chairman*; Dean Thompson, Professors Rohrbaugh,
Barnes, Taintor and Kuebler,
Dean Horlacher, Professor Wanner and Mr. Smith

#### BOARD OF DEANS

Dean Thompson, Chairman; Deans Bishop, Wing, Pflaum, James, Horlacher, Norcross

#### CURRICULUM

1949—Professors Rogers and McCullough 1950—Professors Kuebler and Warlow

1951—Professor Bell, Chairman, and Professor Sandels

#### Honors Courses

Professor Eddy, *Chairman*; Professors Parlin and Kepner, and Mr. J. B. Smith

#### COMPREHENSIVE EXAMINATIONS

Professor Vuilleumier, Chairman; Professors Rohrbaugh, Grimm and Tayler, and Professor Bowman, Secretary

#### RELIGIOUS AFFAIRS

Professor Gould, Chairman; Professors Rogers, Stough and Kepner, and Mr. Robb.

#### CULTURAL AFFAIRS

1949—Professor Flower and Miss Fitzpatrick

1950—Professor Morrison and Mr. Steckbeck

1951—Professor Wing, Chairman, and Professor Morris

#### SOCIAL AFFAIRS

- 1949—Professor James, *Chairman*; Professor Tayler and Dean Norcross
- 1950—Dean Horlacher, Professors Sloane and H. E. Smith.
- 1951-Professors Vuilleumier, Taintor and Pflaum

#### PUBLIC EVENTS

- 1949—Professor Rohrbaugh, Chairman; Professors Flower and Jarvis
- 1950-Professors Gould and Niehoff; Mr. Zaret and Mr. Price
- 1951—Professors Bishop and Ricker; Mr. Mowery and Mr. D. H. Kirk

#### LIBRARY

- 1949-Professors Barnes and Embick
- 1950-Professor Kuebler, Chairman; and Mr. Wanner
- 1951—Professors Stough and Gleim

#### EXCHANGE STUDENTS

Professor Ayres, Chairman; Professors Herber, Sandels and W. W. Kirk, and Mr. Crocetti

#### ATTENDANCE

Dean Horlacher, Chairman; Dean Norcross, Professors Weigel and Warlow

#### DEBATING

Professor Fink, Chairman; Professors Schechter, Sloane and Niehoff

#### SPECIAL STAFF

February 1, 1948 - February 1, 1949

#### Speakers

Francis A. Yeagley
Ornithologist, Pennsylvania State College
Chapel Address, February 5, 1948

Cornelia Stabler

Monologist

February 5, 1948

HAROLD C. CASE, D.D.

Clergyman and Author

Chapel Address, February 12, 1948

M. Mosser Smyser, A.B. Missionary to Japan and Lecturer Chapel Address, February 24, 1948

Major General M. C. Stayer, M.D., Sc.D. Director, Pennsylvania State Tuberculosis Association Chapel Address, February 26, 1948

REAR ADMIRAL ROSCOE H. HILLENKOETTER

Director, U.S. Central Intelligence Agency, U.S.N.

Chapel Address, March 2, 1948

Edgar S. Brightman, D.Litt., LL.D. Dean, Boston University Graduate Faculty Scholarship Dinner Address, March 4, 1948

HARRY L. WILLIAMS

Director, Radio Work of Methodist Church

Chapel Address, March 11, 1948

Lewis L. Strauss

Member, U.S. Atomic Energy Commission
Chapel Address, March 16, 1948

JOHN H. POWELL, Ph.D.

Research Librarian, Philadelphia Free Library
Boyd Lee Spahr Lecture, March 5, 1948

Grant Reynard

American Painter and Etcher

Lectures and Demonstrations, March 18-21, 1948

Frederick T. Wilson

Author and Lecturer

Chapel Address, April 1, 1948

RAYMOND DUDLEY, D.D.

New Zealand Church Leader and Lecturer
(Convocation), April 6, 1948

John Reich Director and Teacher of Drama Evening Address, April 7, 1948

Alfred Wagg
Foreign Correspondent and Lecturer
Chapel Address, April 15 and November 30, 1948

JOSEPH BURKHOLDER SMITH

Historian and Teacher

Boyd Lee Spahr Lecture, April 16, 1948

MELVILLE O. WILLIAMS

Secretary to Board of Missions, Methodist Church

Chapel Address, April 20, 1948

COUNT BYRON DEPROROK, F.R.G.S. Archaeologist, Explorer, and Lecturer Illustrated Lecture, April 20, 1948

Theoharis Stavrides
Assistant President, Athens College, Athens, Greece
Chapel Address, April 27, 1948

NORMAN A. HORNER

Missionary and Lecturer

Chapel Address, April 29, 1948

CHARLES W. COPP Former Teacher in Japan, and Lecturer Chapel Address, May 6, 1948

J. Wesley Bready
Historian and Author
Chapel Address, May 13, 1948

HARRY EMERSON FOSDICK, D.D., Litt.D.

Preacher

Commencement Address, June 6, 1948

FLETCHER HODGES, JR.

Curator, Stephen Foster Memorial, University of Pittsburgh
Chapel Address, October 5, 1948

Otto Kraushaar, Ph.D., LL.D. President, Goucher College (Convocation) October 7, 1948

Frank Abrams, C.E., LL.D.

Chairman of the Board, Standard Oil Company
Chapel Address, October 19, 1948

Frank E. Masland, Jr.

Industrialist and Sportsman

Illustrated Chapel Address, October 28, 1948

Frank L. Nipp

Editor and Lecturer

Chapel Address, November 2, 1948

Hans Kohn, D.J.

Historian and Writer

Chapel Address, November 11, 1948

Admiral F. W. Reichelderfer, A.B., D.Sc. Chief of U.S. Weather Bureau Chapel Address, November 23, 1948

Mrs. Charles S. Musser

Campanologist

Evening Lecture, December 3, 1948

GLADYS PETCH

Traveller and Lecturer

Illustrated Chapel Address, January 6, 1949

#### **Concert Series**

ROBERT GROOTERS

Baritone
Chapel Recital, February 17, 1948

Ann Patricia Benkman *Pianist* Recital, February 18, 1948

SIGMUND SPAETH, Ph.D.

Writer, Musician and Lecturer

Lecture, March 2, 1948

LEE CRONICAN

Pianist

Recital, April 15, 1948

College Choir Spring Concert May 1948

MME. JAQUELINE MARCAULT

Concert Pianist

Recital, November 11, 1948

College Choir Christmas Concert December 15, 1948

## ONE HUNDRED AND SEVENTY-FIFTH ANNIVERSARY CELEBRATION

THEME: "Toward a Richer American Culture"

April 22, 1948

#### OPENING SESSION

"Higher Education in the Service of Democracy"

#### PRESIDING:

BOYD LEE SPAHR, A.M., LL.D.
President of the Board of Trustees, Dickinson College

#### GREETINGS:

Francis J. Myers

United States Senator from Pennsylvania

EDWARD MARTIN

United States Senator from Pennsylvania

MONSIEUR JEAN DARIDAN

Chief Counselor of the French Embassy, representing His Excellency, Monsieur Henri Bonnet, Ambassador of the French Republic

ADDRESS: "Education: A Tonic for the World's Ills"

THOMAS CAMPBELL CLARK, LL.D.

The Attorney General of the United States

#### PANEL MEMBERS:

WATSON B. MILLER

The U.S. Commissioner of Immigration and Naturalization

THE HONORABLE ARTHUR H. JAMES, '04L, LL.D., D.C.L. Former Governor of Pennsylvania

JOSEPH S. AMMERMAN

Class of 1948, Dickinson College

HELENE NELSON, Baroness Liljencrants, '15, Ph.B. Social Work Director, New York

WHITFIELD JENKS BELL, JR., '35, A.M., Ph.D. Associate Professor of History, Dickinson College

WALTER H. HITCHLER, LL.D., D.C.L. Dean, Dickinson School of Law

April 23, 1948

#### SECOND SESSION

"Higher Education and the Challenge of Science"

#### PRESIDING:

MARTIN D. WHITAKER, Ph.D., LL.D. President, Lehigh University

ADDRESS: "The Physical Sciences and National Welfare" Hugh Stott Taylor, Sc.D., LL.D.

Dean of The Graduate School, Princeton University

ADDRESS: "American Science in World Culture"
HARLOW SHAPLEY, Ph.D., Sc.D., LL.D.
Director, The Harvard Observatory

#### PANEL MEMBERS:

Fred L. Mohler, '14, Ph.D., Sc.D. Head, Mass Spectrometry Section, National Bureau of Standards

L. HOLLAND TAYLOR, JR.
Class of 1948, Dickinson College

CHARLES CLINTON BRAMBLE, '12, Captain, U.S.N.R.

Director of Computation and Ballistics, U.S. Naval Proving Ground,
Dahlgren, Virginia

ERNEST ALBERT VUILLEUMIER, Ph.D.
Chairman, Chemistry Department, Dickinson College

#### LUNCHEON

#### PRESIDING:

BOYD LEE SPAHR, '00 President of the Board of Trustees

#### SPEAKER:

NEAL DOW BECKER, LL.B.

President, Intertype Corporation

President, Board of Trustees, Cornell University

#### THIRD SESSION

"Higher Education and Business and Industry"

#### PRESIDING:

JAMES CREESE, Litt.B., M.A., LL.D. President, Drexel Institute of Technology

ADDRESS: "Railroads, Education and National Progress"

REVELLE W. BROWN
President, Reading Company

ADDRESS: "America's Responsibility and Opportunity" THE HONORABLE WAYNE CHATFIELD-TAYLOR, B.A.

Economic Advisor

#### PANEL MEMBERS:

Andrew H. Phelps, h'45, D.C.S. Vice President, Westinghouse Electric Corporation

MERLE W. ALLEN
President, Cochran & Allen, Carlisle, Pennsylvania

Ivo V. Otto, '04, A.B.

Dairy Farmer, Representing Agriculture

NEAL DOW BECKER, LL.B.
President, Intertype Corporation

JOEL CLASTER, '14, Ph.B. Executive Vice President, Luria Bros. & Company, Inc.

ROBERT F. RICH, '07, Ph.B.

Member of Congress, 15th Pennsylvania District

#### DINNER

#### PRESIDING:

HENRY W. A. HANSON, D.D., LL.D. President, Gettysburg College

ADDRESS: "James Buchanan: Lessons in Leadership in Trying Times"

ROY F. NICHOLS, Ph.D.
Department of History, University of Pennsylvania

#### FOURTH SESSION

"Higher Education and the Development of the Arts"

#### PRESIDING:

DEAN HOFFMAN, '02, A.B. Editor, "The Patriot" and "Evening News," Harrisburg

ADDRESS: "The Future of American Literature"

MARK VAN DOREN, Ph.D., Litt.D.
Professor of English, Columbia University
Winner of the Pulitzer Prize for Poetry

#### PANEL MEMBERS:

ERIC W. BARNES, D.Lit. (University of Paris) Chairman, English Department, Dickinson College

EDWIN E. WILLOUGHBY, '22, Ph.D., Litt.D. Chief Bibliographer, The Folger Shakespeare Library, Washington, D. C.

Donald W. Pimm Class of 1949, Dickinson College

HANS SCHULER

Sculptor
The Director, Maryland Institute, Schools of Art and Design

WALTER R. GALE Instructor of Art, Baltimore City College

SUMMATION: "The Liberal Arts"

WILLIAM W. EDEL, '15
The President of the College

April 24, 1948

## ALUMNI COLLEGE

#### PRESIDING:

HERBERT WING, JR., Ph.D.
Chairman, History Department, Dickinson College
Chairman, Faculty Committee, 175th Anniversary Convocation

#### PANEL MEMBERS:

Ernest Albert Vuilleumier, Ph.D. (Univ. of Berne) Chairman, Chemistry Department, Dickinson College

LEWIS GUY ROHRBAUGH, '07, Ph.D. Chairman, Philosophy & Religion Department, Dickinson College

MILTON WALKER EDDY, Ph.D. Chairman, Biology Department, Dickinson College

ARTHUR VAUGHAN BISHOP, Ph.D. Chairman, Department of Classical Languages, Dickinson College

JOSEPHINE B. MEREDITH, '01, A.M. Professor of English, Dickinson College

MULFORD STOUGH, M.A.
Associate Professor of History, Dickinson College

#### ALUMNI LUNCHEON

#### PRESIDING:

PAUL L. HUTCHISON, '18, A.M., LL.B.
President, General Alumni Association of Dickinson College

#### AWARDING OF ALUMNI CITATIONS:

PRESIDENT EDEL

Assisted by Gilbert Malcolm, '15, A.M., LL.B. Vice President, Dickinson College

ADDRESS: "The Dickinson of Tomorrow"
PRESIDENT EDEL

#### April 25, 1948

#### CLOSING SESSION

"Higher Education and the Imperative of Religion"

#### PRESIDING:

WALTER GEORGE MUELDER, S.T.B., Ph.D. Dean, School of Theology, Boston University

ADDRESS: "America's Heritage of Faith"
LUTHER A. WEIGLE, Ph.D., D.D., LL.D.
Dean, Yale Divinity School

#### PANEL MEMBERS:

Frank S. Mead, B.D.
Author, "The March of Eleven Men"

C. LESLIE GLENN, M.E., D.D.

Rector, St. John's Episcopal Church, Washington, D. C.

EDGAR C. HERSH Class of 1948, Dickinson College

ELBERT M. CONOVER, B.D.

Director, Interdenominational Bureau of Architecture

RAYMOND DUDLEY, A.M., D.D.
Representative, The National Council of Churches, New Zealand

1773 - 1949

#### The College Purpose

The purpose of Dickinson College is to help the student develop his resources of mind and character, know the world in which he lives, and achieve a sense of sound values, the better to make a good life, a good home, and a good community.

To accomplish this aim, the College affords every student training toward mastery of written and spoken English, insight into the processes and personalities of history, basic comprehension of the continuing problems of our age, understanding of himself as a free individual and his responsibilities to his fellows, acquaintance with the methods of science and the composition of the physical universe, development of ethical and spiritual standards in every activity of his life, appreciation and enjoyment of the arts, and achievement of emotional stability and physical well-being. At the same time, recognizing the need for specialized training within its general purpose, the College organizes its curriculum to afford basic preparation for graduate study.

Knowing that its purpose will be realized only when these objectives are translated into creative action, the College undertakes to excite its students to this design.

#### **Historical Traditions**

On March 3, 1773, Thomas and John Penn, Proprietors of Pennsylvania, conveyed to nine trustees a plot of ground in Carlisle "for the purpose of keeping and maintaining a grammar school." This school was promptly opened under the principalship of James Ross, a distinguished author of Latin and Greek grammars. The grammar school continued in operation until it was absorbed by the College, which was incorporated by the Legislature of Pennsylvania on September 9, 1783.

The prime mover in the effort to obtain a college charter was the distinguished Dr. Benjamin Rush of Philadelphia, a signer of the Declaration of Independence and one of the country's leading physicians. He had the College named for his friend, John Dickinson, Esq., "in memory of the great and important services rendered to his country." Dickinson was the author of the famous "Letters from a Farmer in Pennsylvania to the inhabitants of the British Colonies," one of the most potent documents in arousing patriotism in the Colonies. He was also a general in the Revolutionary War,

principal draftsman of the Articles of Confederation, President of the Supreme Executive Council of the State, and later a signer of the Constitution of the United States. When the charter was granted, Dickinson was elected president of the Board of Trustees, an office which he held until his death.

Seven of the grammar school trustees became trustees of the College. The first president was Dr. Charles Nisbet of Montrose, Scotland, a Scotch Presbyterian and one of the great scholars of his time. From the beginning the new College prospered under the able efforts of Dr. Nisbet, and twenty years from its inception it had outgrown the confines of the grammar school building. The site also was unsatisfactory and various efforts were made to obtain a better one, including that of the Carlisle Barracks which had been established by the British in 1751. The present main campus of the College, now named the John Dickinson Campus, was purchased from the Penn family in 1799 for \$151.50 and the construction of a large brick building was begun. This building was destroyed by fire in 1803 and in its place was erected the present West College, designed by Latrobe, the architect of the Capitol at Washington. When the trustees appealed for subscriptions for the new building, the appeal met with a wide response, President Thomas Jefferson, Chief Justice John Marshall, and the French Minister being among the contributors. It was constructed of native limestone and is regarded as one of the outstanding examples of Georgian architecture in America.

The plant of the College, consisting of more than a dozen buildings, is constructed chiefly of limestone, in Georgian design. The John Dickinson Campus, on which six of the college buildings are located, is framed by a low limestone wall, most of which is over one hundred years old. This adds to the distinctive charm of the landscape. The other buildings are grouped around this campus and on the new Benjamin Rush campus, a twelve-acre tract formerly known as Mooreland Park and diagonally across from the older campus. The old Moore mansion was renovated and built into the thoroughly modern Baird Biological Building, named after Spencer Fullerton Baird of the Class of 1840, erstwhile professor of the College and afterwards Chief of the Smithsonian Institution.

The College is prevaded with memories that revert to the distant past. On the corner where Denny Hall now stands Washington reviewed the troops who in 1794 set out to quell the Whiskey Rebellion. The two literary societies, Belles Lettres and Union Philosophical, each over a century and a half old, count among their members former students including a President of the United States and Supreme Court Justices. Of these, James Buchanan, Class of 1809, as President of the United States, 1857-61, and Roger Brooke

Taney, Class of 1795, as Chief Justice of the Supreme Court of the United States, 1836-64, headed their respective branches of government in the period of crisis preceding the Civil War. During the Civil War when the Confederates occupied Carlisle, they encamped on the campus. Among the Confederate troops were former Dickinson students at whose request Old West was put under protective guard. Two days later in the shelling of Carlisle, East College was damaged by shell fire. Following the Battle of Gettysburg, the building was used as a hospital for wounded men from that battlefield. In 1887 the Alpha chapter of Pennsylvania of the Phi Beta Kappa Society was organized at Dickinson.

The College is widely recognized for its preparation for graduate work in the professions, and about fifty per cent of its graduates continue their education in graduate schools. The grounds, buildings, and equipment of the College are conservatively appraised at approximately \$2,200,000, and its invested endowment and other capital funds are in excess of \$2,400,000.

#### The Liberal Arts Tradition

When the Charter of Dickinson College was adopted on September 9, 1783, the "Representatives of the Freemen of the Commonwealth of Pennsylvania in General Assembly met" stated that the purpose of the erection and establishment of Dickinson College was "for the education of youth in the learned and foreign languages, the useful arts, sciences and literature," and declared that nations have acquired their preeminence largely by the success with which they were able to instill into the minds of the rising generation "virtuous principle and liberal knowledge."

Dickinson College bases its educational goals upon these ideals. The intervening one hundred and sixty-five years, with their enriching knowledge of science and the arts and the demonstrated need for a spiritual background, have extended the college vision. While placing proper value upon the formal studies it offers, Dickinson desires equally to develop each student into a well-rounded personality. A carefully selected faculty, a Christian philosophy and broad social and cultural interests are coordinated to achieve these ends. Formal and informal training on the Dickinson Campus are thus directed toward creating men and women graduates of sound intellectual attainment, with integrity of character and a sense of social responsibility. Only when these ends are attained can Dickinson College be satisfied that its traditions in the field of education and in the service of the nation are truly realized. These, then, are the goals which this institution cherishes for its ideal as a long established liberal arts college.

## COLLEGE LIBRARY

THE College Library, located in Bosler Hall, consists of the main reading room and stacks, a reference room, reserved book room, library offices, the Alexander A. Sharp recreational reading room, the Boyd Lee Spahr room for the Dickinsonian Collection and rare books, an Art Seminar Room and the English Research Room. The library has been designated as a government depository for official publications.

The Boyd Lee Spahr Room contains a constantly growing collection of letters of John Dickinson, Benjamin Rush, William Bingham, James Wilson, Charles Nisbet, Roger Brooke Taney, James Buchanan and other Dickinson worthies, the Buchanan collection being especially large. It also contains numerous other historical manuscripts. About 1500 volumes given by John Dickinson when the College was founded are housed in this room. Here also are exhibited the Joseph Priestley burning glass and other equipment once owned by the discoverer of oxygen.

The Art Seminar Room contains an Art Library of approximately 1500 volumes. This room also houses nearly 2500 prints and photographs of architectural masterpieces and sculpture, and reproductions of paintings. Adjacent to the Art Seminar Room is a small gallery where special art exhibits are hung.

The English Research Room, equipped by the Class of 1900, is a special study room for English majors. It houses a book collection known as the Paul H. Doney Memorial.

Students have free access to the library collection, consisting of over 81,000 volumes. About 400 periodicals are received regularly. The books are classified by the Dewey decimal system, and listed in a dictionary catalogue. Library of Congress cards are used. No limit is placed on the number of books a student may borrow.

The Dickinson Library Guild, composed of alumni and friends of Dickinson College, was organized in 1903 for the purpose of creating a permanent endowment for the College Library. In addition to the college appropriation for the purchase of books and periodicals, the library now receives an annual income of over \$1800 from the Guild. In accordance with the action of the Board of Trustees of the College, all moneys contributed become a part of the permanent Endowment Fund of the Library, the proceeds of which are devoted to the sole purpose of purchasing books.

With the launching of the Alumni Fund, the Guild has been absorbed in this new organization. Its independence, however, has been kept intact, to receive designated subscriptions and specific bequests, so that increments may continue indefinitely to forward its original purposes.

In cooperation with the English Department, Freshmen are give an hour's lecture in the use of library materials needed for their English research paper. Upper classmen are frequently brought to the library for special instruction in subject bibliography.

A Library Handbook has been prepared to aid students in using the library. This is obtainable in the library and is especially recommended to entering students. It contains a plan of the building, a short history of the library with a description of the book collection, and information on services available to students.

The library is open from 8:20 A. M. to 5:45 P. M. and 6:45 to 10:00 P. M., except on Saturday when it is open from 8:20 A. M. to 5:00 P. M. and on Sunday when the hours are 2:00 to 5:00 P. M. and 7:00 to 10:00 P. M.

## BUILDINGS AND EQUIPMENT

#### ACADEMIC BUILDINGS

West College (1803) of the Georgian style of architecture, built of native limestone, is a four-story building containing administrative offices, class and assembly rooms, the Presidential portrait gallery, and the spacious Memorial Hall. On the lower floor are the McCauley room, social room, assembly room, secretarial rooms, Dickinsonian office. The administrative offices are on the main floor. The two upper floors are given over to classrooms, business office, and registrar's office.

JACOB TOME SCIENTIFIC BUILDING (1884), gift of the late Hon. Jacob Tome, of Port Deposit, Md., is of native limestone, trimmed with Ohio sandstone. It contains complete provision for the college departments of physics and chemistry. It is also the repository for a valuable collection of mineralogical and geological specimens, used in geology courses.

James W. Bosler Library, originally erected in 1885 in honor of James W. Bosler, Class of 1854, was rebuilt and enlarged in 1940-41 in native limestone of Georgian architecture, accommodating the library with numerous reading and reference rooms and the Chapel.

PSYCHOLOGY BUILDING (1899), of limestone, houses the class-rooms and laboratories of that department.

Denny Hall (1905) contains recitation rooms, faculty offices and halls of the two historic literary societies which date back more than a hundred and fifty years.

BAIRD BIOLOGICAL BUILDING (1937) is located on the Benjamin Rush Campus and is named in honor of Spencer Fullerton Baird, Class of 1840, professor, trustee of the College, and one-time Secretary of the Smithsonian Institution. It is a three-story stone structure housing the Department of Biology. It also contains the collection of South American birds originally owned by Professor Baird.

THE COLLEGE COMMONS. This building is the refectory for the women students of East College and is open also to male students of the College and members of the Faculty. A dining room, known as the Prettyman Room, is used for smaller gatherings.

South College (1948), located behind the Alumni Gymnasium, is used as a recreation-classroom building.

TRICKETT HALL, the building of the Dickinson School of Law, is situated at the southeast corner of the Mooreland Campus and was erected in 1917 as a memorial to the late Dean William Trickett, LL.D., Class of 1868.

# RESIDENCE HALLS

EAST COLLEGE (1836) of the same materials and style of architecture as West College, is a four and a half story building, used entirely as a dormitory for women. It accommodates 110 students.

Conway Hall (1904) is a gift from the Hon. Andrew Carnegie and is named as a tribute to his friend, Moncure D. Conway, Class of 1849. It is used as a dormitory for men.

Metzger Hall, located three blocks east of the main campus, is the dormitory for freshmen women. It is a four-story brick structure.

GIBBS HOUSE, the endowed gift of Rebecca McClure Gibbs, located diagonally across the street from Metzger Hall, is a three-story dwelling remodeled in 1940, and used as a dormitory for women.

BIDDLE HOUSE (1946), located on the edge of the main campus, is a three-story building used as a dormitory for men.

McIntire House (1948), located at College and South Streets, diagonally across from the Law School, is used as a dormitory for men.

#### OTHERS

THE HERMAN BOSLER BIDDLE MEMORIAL ATHLETIC FIELD, the gift of the Hon. Edward W. Biddle, Class of 1870, and Mrs. Biddle, in memory of their son, Herman Bosler Biddle, Class of 1903, is a field of 12 acres completely equipped.

ALUMNI GYMNASIUM (1929) provides ample facilities for all indoor athletics and physical education. These include a white-tiled swimming pool 25x75 feet. The main auditorium seating 3,000 is used for commencement and alumni activities.

HEALTH CENTER, located west of the Gymnasium, is a completely equipped dispensary and infirmary.

A Maintenance Building, west of Conway Hall, houses the carpentry, electrical, painting, and plumbing materials and a garage for the maintenance staff.

# COLLEGE ACTIVITIES PROGRAM

# PHI BETA KAPPA SOCIETY

ON April 13, 1887, the first chapter of the Phi Beta Kappa Society in Pennsylvania was organized at Dickinson College and is known as the Alpha of Pennsylvania. Seniors of high scholastic standing are eligible for membership and are usually elected upon completion of their college course. A few of the highest ranking students, however, may be elected at midyear.

# STUDENT GOVERNMENT

For some years the students of the College, through the organization known as the Student Assembly, have promoted the welfare of the student body by effecting a closer union of the students and of the students and Faculty. The membership of the Assembly consists of all students of the College. The executive body is the Student Senate whose membership consists of one representative from each fraternity, sorority, including the Commons Club, two representatives chosen from the unaffiliated men, one from the unaffiliated women, and three members of the Faculty. The Senate acts for the Assembly in charting, scheduling, and regulating all organized student activities, and controls the Student Activities Budget.

# **PUBLICATIONS**

THE DICKINSONIAN: the student newspaper, published once a week during the college year.

The Microcosm: the college annual, sponsored by the Junior Class.

The Student's Handbook: published annually for the information of new students.

The Hornbook: published semi-annually, is sponsored by the Belles Lettres Society.

The Dickinson Alumnus: published quarterly by the General Alumni Association.

THE DICKINSON COLLEGE BULLETIN: published seven times a year by the College.

# **ORGANIZATIONS**

The Dickinson College Religious Association correlates the work of all the religious organizations on the campus. Its purpose is to help students of all faiths find the place of religion in life, intensify their religious experience, and provide them with training for some practical service. The College is definitely committed to the Christian interpretation of life and duty. One of the Association's chief objectives is the development of full personalities capable of a large participation in life. This aim finds expression both in the general spirit of the College and in its organized religious activity.

THE COLLEGE CHOIR in its weekly meetings provides pleasure and training for those students who show interest and ability in singing. The members of the Choir prepare sacred and secular music for chapel programs, an annual tour, and the Spring and Christmas Concerts.

Band and Orchestra. Although Dickinson College does not have a department of music, it does much to encourage student participation in musical organizations. It owns a complete set of band and orchestra instruments, including French horns, oboes, bassoons, violas, string basses, and tympani. The College Band is a marching band which plays for all football and basketball games. The College Orchestra is a symphony orchestra of over thirty-five pieces which presents an annual concert. Qualified students who desire to express themselves musically are welcome in both the band and orchestra and are encouraged to use the musical instruments owned by the College.

LITERARY SOCIETIES. The Belles Lettres Literary Society and the Union Philosophical Society, founded in 1786 and 1789, respectively, have been significant and potent factors in the total program of college life. The former is devoted to literary criticism, the latter to matters of political debate.

THE COLLEGE DEBATE SQUAD is composed of students who have shown their fitness by passing competitive trials in debating. The squad receives training in public speech under the supervision of a faculty committee, and chosen teams engage in numerous intercollegiate debates.

The Little Theatre aims to discover and stimulate talents of individuals who have dramatic ability. In its organized programs, students are given an opportunity to learn the fundamentals of the theatre and receive training in dramatics. Candidates for membership must demonstrate their abilities by appearing before the members in a formal try-out program.

The International Relations Club was established in 1932 under the auspices of the Carnegie Endowment for International Peace. Its purpose is to promote interest in, and afford an opportunity to study, contemporary international affairs and world problems. In its monthly meetings, reports are presented by students, faculty members, or guest speakers, and these are followed by an informal discussion.

THE MOHLER SCIENTIFIC CLUB welcomes to membership those students who have special interest in the sciences.

THE SPANISH CLUB, LA TERTULIA, aims to develop the Spanish students' knowledge and interest by means of music, pictures, plays, and discussions bearing on Spanish-speaking countries and peoples.

THE FRENCH CLUB, LE CERCLE DRAMATIQUE, chooses as its members students who have shown unusual interest and proficiency in the French language.

Deutscher Verein is established for German students. Meetings are addressed by speakers who discuss topics relating to department interests.

THE ITALIAN CLUB, open to students of Italian and others interested in the subject, emphasizes Italian culture, particularly in the field of the Arts.

THE "D" CLUB is composed of Dickinson men students who have won their letter in varsity sports. Members assist in furthering the college's athletic program.

The Dickinson College Student Athletic Association, through its executive committee, deals with all matters having to do with athletics not handled by the Board of Athletic Control. The undergraduate member of the Board is the president of the Association.

Fraternities. Ten national fraternities have chapters at Dickinson,—Phi Kappa Sigma, Phi Kappa Psi, Sigma Chi, Beta Theta Pi, Phi Delta Theta, Sigma Alpha Epsilon, Kappa Sigma, Alpha Chi Rho, Phi Epsilon Pi, and Theta Chi. The Commons Club is a local organization.

Four national sororities are represented on the campus,—Pi Beta Phi, Chi Omega, Phi Mu, and Zeta Tau Alpha. There is also an Independent Woman's Organization.

Students are not permitted to join a fraternity or sorority until the close of the first semester in College, and then only if a satisfactory scholarship standing has been established.

Eight Honorary Fraternities, in addition to Phi Beta Kappa. also have chapters at Dickinson:

OMICRON DELTA KAPPA, a national fraternity for men students who have achieved distinction in campus leadership and maintained good scholastic averages.

Tau Kappa Alpha, a national men's honorary fraternity for forensic and scholastic attainments.

PI DELTA EFSILON, a national fraternity recognizing outstanding service in the field of journalism.

Delta Phi Alpha, a national fraternity honoring students in German studies.

TAU DELTA PI, a local dramatic fraternity honoring achievement through Little Theater activity.

RAVENS CLAW is a senior honorary society for men.

Skull and Key is a junior honorary society for men.

Wheel and Chain is the women's senior honorary society composed of two members from each of the four sororities and one non-sorority women.

# **ADMISSION**

The usual requirement for entrance to Dickinson College is the satisfactory completion of a secondary school program of at least fifteen units, including three units in English, two units in one foreign language, and one unit each of algebra and plane geometry. Of the remaining eight units, seven shall be from academic courses.

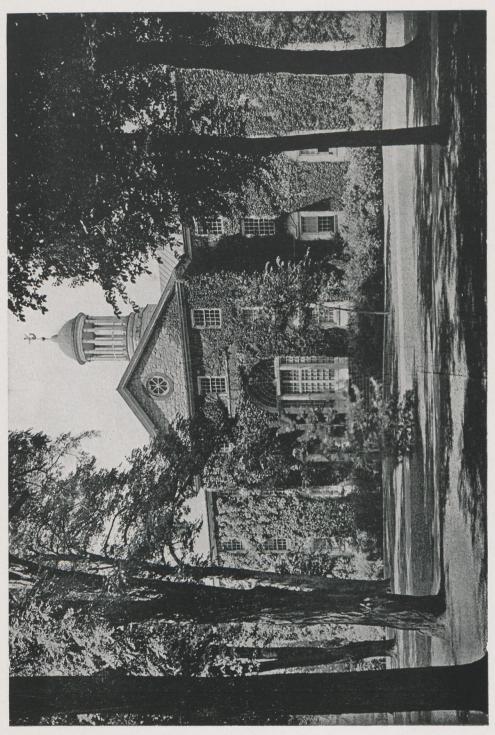
In considering applicants for admission to the college, all of the following factors are important:

- 1. Personal application and school record on forms supplied by the college;
- 2. Recommendation of the secondary school principal or headmaster and of others who know the applicant;
- 3. Personal interview with the Director of Admissions or an appointed representative;
- 4. Rank in the secondary school class. Applicants who rank in the upper half of their secondary school class may take either the Scholastic Aptitude Test and the English Achievement Test of the College Entrance Examination Board or the examinations given by the College in General Ability and English Achievement. Applicants standing below the middle of their secondary school class are required to take the College Entrance Examination Board examinations. Applicants who desire to enter the College in September should take the College Entrance Examination Board examinations in January of their senior year, if possible.

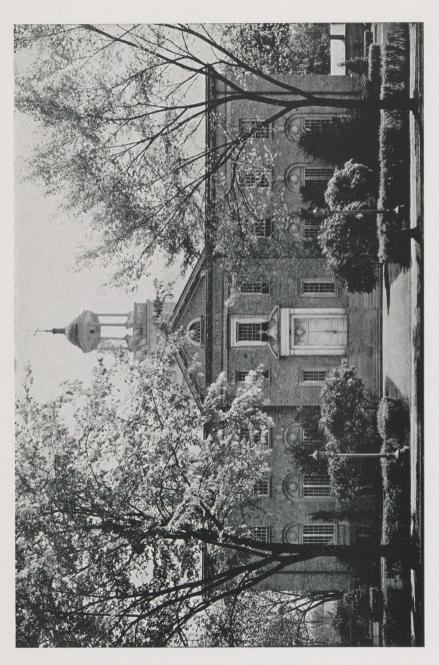
Military service or other experience, strong intellectual interests, and other pertinent information will be considered in the selection of each candidate.

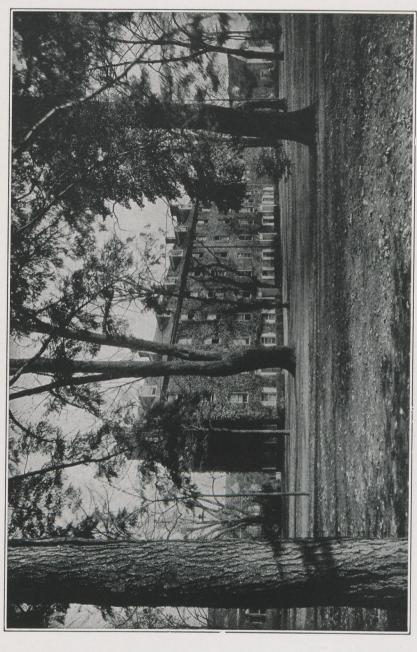
Unusual cases involving divergence from these requirements will be considered on an individual basis by the Committee on Admissions

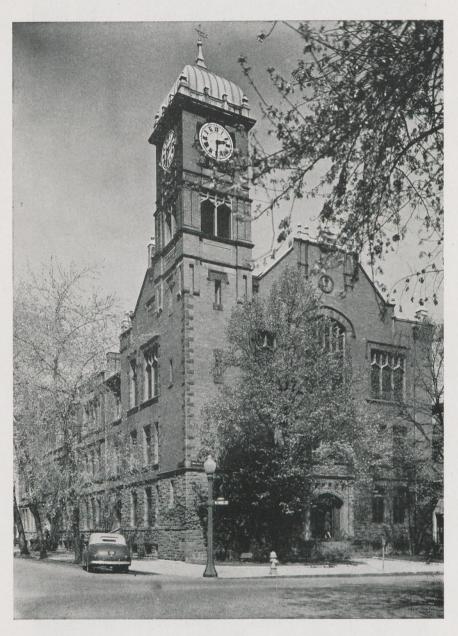
Applicants who wish to continue a foreign language begun in the secondary school should request the inclusion of the proper language test in the entrance examination.



BOSLER HALL
THE LIBRARY AND CHAPEL







DENNY HALL

TOME SCIENTIFIC BUILDING



BAIRD BIOLOGY BUILDING



# CHARGES AND EXPENSES

The General Charge for each semester at the college is \$250. All students are required to pay a Registration Fee of \$25 (for women in dormitories the fee is \$50) which is credited on the college bill. This fee is not returnable if the student cancels his or her registration.

College bills for each semester are presented and are payable at the opening of the semester.

Failure to adjust college bills when due will result in exclusion from College, and no student can have honorable dismissal or certificate of advancement until bills have been adjusted and other reasonable obligations met.

The Trustees reserve the right at any time to amend or add to the regulations of the College, including those concerning fees and methods of payment, and to make such changes applicable to students at present in the College, as well as to new students.

DISCOUNTS—For two or more students from the same family, and for children of ministers, a discount of 10 per cent is allowed on the General Charge account, but not on any other part of the College bill. No double discount is allowed. No fees are returned except in case of illness. If a student leaves College because of illness within one month after the opening of the semester, one half of the semester fee may be refunded. No reduction will be allowed for absence of students withdrawn for unsatisfactory conduct or scholarship.

Rooms—In the dormitories are secured to the students during term-time only, and occupants are responsible for damage to them. When students damaging property are unknown, the cost of repairs may be assessed toward the close of the College year upon the whole body of students, as a special damage account. Any student proved to be guilty of wilful destruction of, or damage to, College property, may be required to pay not only the cost of replacement or repair, but also a fine as determined by the Faculty, said fine to be placed on the special damage account.

All freshmen men other than commuters are required to room in the College dormitory for freshmen. Male members of the other classes who are not commuters must room either in the College dormitories or in the fraternity houses.

# **EXPENSES**

Budget for student organizations for various student activities, including	
athletics and medical fees. Per Semester	15.00
Laboratory Fees—For each laboratory course, including natural sciences, a variable charge not exceeding (per semester)	
Extra hours in excess of 17, per semester hour	
Transcript of Record, extra copies each	
Practice Teaching in High School	25.00
Diploma Fee for seniors, including use of cap and gown	10.00
Damage Replacement Account. (This will be returned in whole or in part, depending upon the amount of damage)	10.00
FOR MEN RESIDENT IN COLLEGE	
Room Rent (each Semester) Conway Hall, McIntire House and Biddle House, furnished rooms including study light for each student, in addition to ceiling light. (An additional charge will be made for extra connections)	

# FOR WOMEN IN DORMITORIES

All women students, except those living with relatives, are required to reside in College dormitories, and are charged \$1000.00 for two semesters, payable \$500 each semester. This provides for basic essentials such as General Charge, room, board and light. Personal items such as laundry, books, blankets, sheets, pillow-cases, towels, personal toilet articles, and laboratory fees are not included in this account.

# GENERAL INFORMATION

GOVERNMENT AND DISCIPLINE—Students are expected to conform to the requirements of good morals and good citizenship. In the absence of specific regulations, the Faculty is charged with passing on matters respecting the general life of the students in the College. In practice, however, the regulation of the life of the student body is left largely to the students themselves. Among the regulations of the College is the following: "In particular, any use of intoxicating liquor, failure to give truthful testimony to an officer of the College, and dishonesty in College work are considered very serious offenses and usually lead to dismissal."

Chapel Services are held twice a week, and all students are required to attend.

Guidance—The limited enrollment of the College makes possible frequent student contacts with their instructors. The Dean of Women and the Dean of Men counsel with students in need of guidance in personal adjustment. Through a system of class deans fully conversant with the educational requirements of the professions, the student at Dickinson College is carefully advised regarding the training which will best fit him for the profession or occupation of his choice. Tests to indicate vocational aptitudes may be secured on request of the student from the Department of Education and Psychology. Vocational guidance material is available in the library for those interested.

Self-Help Employment—There is limited opportunity for self-help through employment in various departments of the College, application for which should be made to the office of the Treasurer. As it is assumed that the acceptance of such employment is to assist the student in meeting his College bills, any amounts so earned are subject to application to the student's account as long as he has any unpaid balance.

PLACEMENT—The interest of the College in the student does not terminate with graduation. The Dean of Men has general responsibility for the placement of students and alumni in fields other than teaching. The Department of Education maintains wide contacts with school authorities for the purpose of placing graduates who are qualified to teach.

HEALTH SERVICE—For emergency and minor illnesses, an infirmary for resident women is provided in Metzger Hall and East Col-

lege, as well as first-aid equipment in the Department of Physical Education for Women.

A modern health center is available to students. This dispensary and waiting room are located on the first floor. The second floor is thoroughly furnished to meet the needs of the young men of the College. The third floor is equipped with six beds and is reserved for the use of young women, in the event of an emergency which the infirmaries at Metzger Hall and East College are unable to meet. A registered nurse lives at the health center and is in charge.

The medical staff of the College consists of a physician for men, a physician for women, and a registered nurse. The service of the physicians is available for all students under regulations fixed by the College. Responsibility for the use of this service is assumed by the student. For special treatment and serious illness, the Carlisle Hospital is available.

ACCIDENTS—Arrangements have been made by the College with the Insurance Company of North America to provide accident insurance policies at low rates. Such policies are \$10 for men and \$5 for women yearly. It is recommended that all students avail themselves of this offer since the College can assume no liability for expenses connected with accidents.

# THE COURSE OF STUDY

Dickinson College provides its students with a broad general educational program of study. This plan gives assurance that each student is grounded in certain fields whereby he may acquire those goals established by the college purpose. After these foundations are laid, the student is permitted to follow his own course of special interest.

A liberal arts college offers students many opportunities for future careers in which a general educational background is important. Specialized study, providing deeper understanding of a particular field, is usually elected in the upper levels of college work.

Particular attention is given to students preparing for the law, medicine or dentistry, the ministry, teaching, and graduate work on the university level. Plans of study have been carefully worked out which meet graduate requirements for these fields. Excellent background courses are also offered for government, business, social service, journalism, medical technology and similar careers. Each year many Dickinson graduates are admitted to professional and graduate schools throughout the country. When students indicate their field of specialization, faculty advice, based on wide experience, is given to aid in the selection of courses within the chosen area. All students, however, whether interested in a liberal arts education or aiming at intensive specialization later on, must comply with the rules governing concentration and distribution.

# CURRICULUM

# SUMMARY OF REQUIREMENTS

# FRESHMAN YEAR

# A.B. Degree

A.D. Degre	<i>se</i>
Required	Sem. Hr
English 1-(2)	6
Foreign Language	6-8
Electives	
(The necessary additional courses are selected	d from the following 5 groups)
History 11-(12)	6
Psychology 11 or (12) and	
Social Science 11 or (12)	6
Foreign Language	
Philosophy 11 or (12)	
and	
Philosophy 15 or (16)	6
Mathematics 3-(4), or 9, (10)	6-10
	Total 30-36 Sem. Hr.
Sc.B. Degree	
Required	Sem. Hr
English 1-(2)	6
Mathematics 3-(4), or 9, (10)	6-10
Biology 11-(12)	
Or Chemistry 11-(12)	0
Chemistry 11-(12)	8
Electives	
	1 5 4b 5-11i 4
(The necessary additional courses are selected	
History 11-(12)	0
Psychology 11 or (12)	
Philosophy 15 or (16)	6
Foreign Language	6-8
Philosophy 11 or (12)	
Social Science 11 or (12)	6
	T-11 22 24 5
	Total 32-36 Sem. Hr.

# SOPHOMORE, JUNIOR AND SENIOR YEARS

A sophomore who is a candidate for the Bachelor of Arts degree is required to elect a laboratory science [Biology 11-(12), or 23-(24), Chemistry 11-(12), Geology 11-(12), or Physics 11-(12).]

To meet the requirements for graduation, a student is required to complete at least three semesters of work in each of the following four groups. This work is to be in courses numbered above 10.

- 1. Languages and Literature: English, Greek, Latin, French, German, Italian, Russian, Spanish; and the courses in World Literature, and Speech.
- 2. Social Studies: History, Economics, Political Science, and Sociology.
- 3. Interpretative Studies: Art, Appreciation of Music, Education, Philosophy and Religion, and Psychology.
- 4. Sciences: Biology, Chemistry, Geology, Mathematics, and Physics.

Field of Concentration. Each student shall elect a field of concentration and complete in this field a major subject of 24 to 30 semester hours in one department and a minor of 12 to 18 semester hours in another department in allied courses related or supplementary to the major. The field of concentration must be chosen before the end of the sophomore year and be approved by the Chairman of the Department. Only courses numbered above 10 will be counted toward a major or minor. Specific information regarding majors and minors in each department may be found at the close of each listing of courses.

# Courses of Study

The College offers two parallel courses in the Liberal Arts and Sciences, leading to the degrees of Bachelor of Arts and Bachelor of Science.

# REQUIREMENTS FOR GRADUATION

- 128 semester hours of academic work, and 4 semester hours in Physical Education.
- 2. Required courses.
  - (a) English 1-(2), a laboratory science [Biology 11-(12), or 23-(24), Chemistry 11-(12), Geology 11-(12), or Physics 11-(12).]
  - (b) Language Requirements: A candidate for a degree is required to do work in one language, Classical or Mod-

dern. In general, a college course of a rank equivalent to Latin 11-(12) will satisfy the requirement. If, however, a candidate passes an entrance examination with a sufficiently high score, he may substitute an advanced reading course in a language to meet the requirement for a degree. A candidate who elects to meet the language requirement in Modern Languages, must obtain a satisfactory grade in a reading test in the language studied, before the beginning of the Senior year to pass from Junior to Senior standing. Failure to do so will entail the necessity of passing a similar test before the close of the first semester of the fourth year. Should a candidate fail the second test, he will be automatically removed from candidacy for graduation in that year.

- 3. Candidates for the Sc.B degree are required to select a major in Biology, Chemistry, Mathematics, or Physics, and complete at least five individual units from the following group: Biology 11-(12), 23-(24), eight semester hours in courses numbered above 24; Chemistry 11-(12), 25-(26), 51-(52); Physics 11-(12), 31-(32), 43-(44); Mathematics 21-22, 33-(34).
- 4. An average of C, or above, or its equivalent quality credit for the entire course.
- 5. A satisfactory record in the Sophomore Testing Program.
- A satisfactory record in the Senior Comprehensive Examinations.

## NOTE:

- Responsibility rests with the student for the election of such courses as will satisfy these requirements.
- All students are expected to do satisfactory work in their academic studies. Any student who is neglectful of his studies or irregular in his attendance may be required to withdraw.
- 3. If a student in the first semester of residence has an average below D or its equivalent quality credit, he will be advised to withdraw. If, however, he does not withdraw, he will be placed on probation and will be permitted to stay for a second semester with the understanding that he will be required to withdraw at the end of the year unless his average for the year is at least D or its equivalent quality credit.
- 4. Any student who fails to obtain an average of at least D or its equivalent quality credit for two successive semesters, will be required to withdraw.
- 5. Any student who fails to obtain an average of C or its equivalent quality credit for two successive semesters shall be placed on probation. If during the following semester he does not obtain an average of C or its equivalent quality credit or if during the two following semesters he does not

obtain a composite average of C or its equivalent quality credit he shall be required to withdraw.

- 6. No student will be advanced from the Freshman to Sophomore class unless he has an accumulative average of at least C or its equivalent quality credit and has completed 28 semester hours of academic work.
- 7. No student will be advanced from the Sophomore to Junior class unless he has an accumulative average in all his work to date of C or its equivalent quality credit and 60 semester hours of academic work and has passed the Sophomore Qualification Examinations.
- No student will be advanced to the Senior class unless he has an accumulative average of at least C or its equivalent quality credit and has completed 92 hours of academic work.
- 9. Any student who has been required to withdraw because of his academic status may be reinstated after the lapse of at least a semester, on presenting evidence that he has carried on academic work elsewhere which makes probable his continued satisfactory progress at Dickinson College.
- 10. Except as provided below, no student will be graduated from Dickinson College unless he has obtained an accumulative average of C or its equivalent quality credit and has received a satisfactory grade in the Senior Comprehensive Examinations:
  - (a) Provided that students whose work has been irregular during the period of the war—1939-49—and who have an accumulative average less than C or its equivalent quality credit may be graduated if they maintain an average of 2.25 or better during their senior year.
  - (b) Provided that students who have been granted military credits toward graduation and whose academic work is below C or its equivalent quality credit may elect additional courses up to one semester for the purpose of raising their general average to C or its equivalent quality credit.

#### REGULATIONS CONCERNING ELECTIVES

Elective courses in excess of the prescribed number of hours may be taken if, in the judgment of the Faculty, such additional work will not interfere with the regular work. No student, however, may take more than 17 hours of work in a semester, without special approval of the Faculty, if his general average for the preceding year was less than 2.25. For hours in excess of 17 an extra charge is made.

A course in which failure has occurred and which is to be repeated, and required courses shall take precedence over all other courses.

# SOPHOMORE TESTING PROGRAM

Toward the close of the sophomore year, qualifying examinations will be given to all members of the sophomore class. The purpose of these examinations is to appraise the achievement of the individual student, provide means for self-evaluation, guide the student in the choice of a specialized area of study, and maintain academic standards.

Transfer students are required to take these examinations.

# SENIOR COMPREHENSIVE EXAMINATIONS

Toward the close of the senior year, comprehensive examinations will be given to all members of the senior class. These examinations are designed to evaluate the achievement of the student in the field of his major concentration.

# HONORS WORK

A student who demonstrates superior ability during the first two academic years of his course is encouraged to enroll for additional work in Honors. This opportunity is offered on the assumption that a student who attains grades well above the average probably has both the competence and time to profit by additional training, more advanced than the regular offering and differing from it in emphasizing independent self-direction. Each student so enrolling will work under the immediate supervision of a member of the Faculty. The program will consist of (1) advanced work in a selected field and (2) a project of investigation or research devised to suit the needs and interest of the individual student. Its successful completion will be recognized by the award of the appropriate degree with honors or high honors, record of which will appear on the diploma and all transcripts of grades furnished by the Registrar of the College.

# COURSES OF INSTRUCTION

Below are given, in alphabetical order, the departments of instruction, with a description of the courses offered under each.

The College reserves the right to change its regulations and the courses of study offered without previous notice to the student.

Credit for courses is based on the assumption that two hours of study accompany each period of recitation or lecture.

The classification of courses is as follows:

Numbers 1 to 9: Elementary courses (Freshman courses mainly).

Numbers 10 to 19: Sophomore courses mainly.

Number 20 and above are advanced courses.

The following also are indicated:

- 1. Odd numbers generally indicate the Fall Semester courses.
- 2. Even numbers generally indicate the Spring Semester courses. Spring Semester courses are always enclosed in parentheses.
- 3. A hyphen indicates a year course in which credit will not be given for the work of only one semester.
- 4. A comma between the numbers generally indicates that the course may be elected for the year or the Fall Semester only, if the student so desires, but it may not be elected for the Spring Semester only. In addition, such courses have an asterisk in front of the numbers and a statement such as, "Three or Six Sem. Hr." following the title of the course.
- 5. Courses indicated by a comma between numbers that may be elected for the year, or for either the Fall or the Spring Semester only, have this statement following the title of the course, "Three or Six Sem. Hr." or "Two or Four Sem. Hr." etc.
- 6. Laboratory courses supplementing the lecture courses in a subject are generally indicated by an "L" after the number of the course.

## BIBLE

# BIOLOGY

PROFESSOR EDDY, ASSOCIATE PROFESSOR HERBER, MR. McGEE

- 11-(12).—General Biology. Lectures and recitations in biological principles, Plant Morphology and Plant Physiology. Six semester hours.
- 11-(12) L.—BIOLOGY. Laboratory courses in Morphology and Physiology, including also a limited amount of work in Ecology. Four hours, counting as two semester hours.
- 23-(24).—GENERAL ZOOLOGY. Lectures and recitations in Animal Morphology, Physiology, and Comparative Anatomy. Four semester hours.
- 23-(24) L.—ZOOLOGY. Laboratory course in Animal Morphology. Eight hours, counting as four semester hours.
- (32).—MAMMALIAN ANATOMY. Based on the dissection of the cat. May be taken concurrently with Course 23-(24). Four hours, counting as two semester hours.
- (34).—Bacteriology. The cultivation and identification of bacteria. The bacteriological analysis of water, milk, and sewage. Prerequisite: Biology 11-(12). Four hours, counting as two semester hours.
- 41-(42).—HISTOLOGY. Lecture course. The study of animal tissues and organography. Two semester hours.
- 41-(42)L.—Histology. Laboratory course. The study of animal tissues and introduction to technique. *Two semester hours*.
- (44).—Embryology. Lecture course. The study of the development of animals. Two semester hours.
- (44) L.—Embryology. Laboratory course. The study of development and methods used in experimental embryology. One semester hour.
- 45.—Physiology. Lecture course. General principals of physiology and their relation to other sciences. Two semester hours.
- 45L.—Physiology. Laboratory course. The experiments performed include blood counting, surface tension, digestion, and the making of kymograph records of muscle nerve preparations. Two hours of laboratory counting as one.
- 51.—Genetics. A study of the principles of heredity, their practical application, and relation to evolution and eugenics. Two semester hours.
- 53.—PARASITOLOGY. Parasites in relation to disease; their life histories and geographical distribution. May be taken concurrently with Course 23-(24). One hour lecture and recitation, two hours laboratory counting as one. Two semester hours.
- (54).—Systematic Botany. Classroom and fieldwork aiming to acquaint the student with the local flora. Given when elected by a sufficient number of students. Two semester hours.
- (62).—Entomology. The study of insects and parasitic forms. Prerequisite: Biology 11-(12). One hour lecture and recitation, two hours laboratory counting as one. Two semester hours.
- 65.—Ecology. Plants and animals in relation to environment. Lectures, laboratory, and fieldwork. Prerequisite: Biology 11-(12). One hour lecture and recitation, two hours laboratory counting as one. Given when elected by a sufficient number of students. Two semester hours.
- \*81, (82).—Special Problems. Laboratory course. Topics are assigned for investigation, including laboratory technique procedures. One or two semester hours.

Major: 30 semester hours, including Biology 11-(12) and 23-(24).

Minor: 18 semester hours, including Biology 11-(12).

# CHEMISTRY

PROFESSORS VUILLEUMIER AND ROGERS, ASSISTANT PROFESSOR GLEIM

- 11-(12).—General Inorganic Chemistry. Lecture course. The material in the text is supplemented by demonstrations and explanations. Students are given considerable practice in solving problems. Six semester hours.
- 11-(12) L.—Laboratory course in General Inorganic Chemistry. To accompany the lecture course. Each student performs a series of experiments illustrating the most important principles and facts of the science. *Two semester hours*.
- 27.—QUALITATIVE ANALYSIS. Lecture course. A study of the common metal ions and acids or anions, and schemes of analysis. Prerequisite: General Chemistry. Two semester hours.
- 27L.—Laboratory course in QUALITATIVE ANALYSIS. To accompany the lecture course. The usual preliminary experiments are performed, followed by analysis of mixtures. Semi-micro methods are used. *Two semester hours*.
- (34).—ELEMENTARY PHYSICAL CHEMISTRY. Lecture course, primarily for premedical students. A study of structure, solutions, equilibrium, conductance, electromotive force, pH, colloids, and related topics. Prerequisite: General Chemistry and Qualitative Analysis. *Two semester hours*.
- 51-(52).—Organic Chemistry. Lecture course. A study of the chief classes of carbon compounds, with emphasis upon preparation, properties and structure. Prerequisite: General Chemistry and Qualitative Analysis. Four semester hours.
- 51-(52) L.—Laboratory course in Organic Chemistry. To accompany the lecture course. Preparation and purification of carbon compounds, with verification of their constants. *Four semester hours*.
- 53.—IDENTIFICATION OF ORGANIC COMPOUNDS. Lecture course. Prerequisite: Organic Chemistry. Beilstein is used. Two semester hours.
- 53L.—Laboratory course in the Identification of Organic Compounds. To accompany the lecture course. Prerequisite: Organic Chemistry. Beilstein is used. *One semester hour*.
- 54.—Advanced Theoretical Organic Chemistry. Lecture course. A discussion of phases of organic chemistry not covered in the more elementary course. Prerequisite: Organic Chemistry. Beilstein is used. Open only to seniors who have completed three years in college chemistry. Two semester hours.
- (62).—QUANTITATIVE ANALYSIS. Lecture course. Devoted largely to the principles and methods of volumetric acd gravimetric analysis. Prerequisite: Qualitative Analysis. *Two semester hours*.
- (62) L.—Laboratory course in QUANTITATIVE ANALYSIS. To accompany the lecture course. The laboratory program is flexible, and latitude is allowed students manifesting interest and ability. Semester hours of credit depend upon the number of hours elected by the student. The minimum offering is two semester hours. Prospective chemists should plan to complete a total of six semester hours of laboratory work in quantitative analysis by the end of the junior year.
- 63-(64).—Advanced Quantitative Analysis. Lecture course. Advanced analysis, with emphasis upon instrumental methods. Prerequisite: Quantitative Analysis. Open only to seniors who have completed three years of college chemistry. Two semester hours.
- 63-(64) L.—Laboratory course in Advanced Quantitative Analysis. To accompany the lecture course. Instrumental methods. *Two semester hours*.

- \*81-(82).—Physical Chemistry. Lecture course. The kinetic theory of gases, thermodynamics, solutions, equilibrium, electrochemistry, colloids, the structure of the atom, and related topics. Prerequisite: Integral Calculus. Six semester hours.
- \*81-(82)L.—Laboratory course in Physical Chemistry. To accompany the lecture course. Determinations of molecular weight, density, viscosity, refractive index, surface tension, solubility, transition points, equilibrium constants, conductance, electromotive forces. Additional experiments are performed. Three laboratory hours per week for the year. Two semester hours.

Major: 30 semester hours. Minor: 16 semester hours.

# CLASSICAL LANGUAGES AND LITERATURE

PROFESSOR BISHOP, ASSISTANT PROFESSOR MAURINO

# Greek

- 1-(2).—First-Year Greek. Emphasis will be laid upon forms, vocabulary, and the fundamental principles of Greek grammar. The class will read easy selections from Greek prose authors and try to get an idea of Greek private life. Six semester hours.
- 11-(12).—Second-Year Greek. This course will include a review of grammar and the reading of Attic prose in the first semester, and in the second semester, selections from Homer's *Iliad*, as well as from the Gospel of Mark. Six semester hours.
- 23.—Greek Private and Public Life. No knowledge of Greek is required. Three semester hours.
- 31-(32).—GREEK LITERATURE SURVEY. Reading of typical Greek authors, such as Herodotos, Selections; Thucydides, Book I; Lysias; Plato, Apology; Euripides, Alcestis. Supplementary reading from Greek literature in English translation. Three or six semester hours.
- 43, (44).—CLASSICAL ARCHAEOLOGY. First semester, Greek Archaeology, with particular emphasis on topography, sculpture, and architecture. Second semester, Roman Archaeology. Either semester may be taken separately. Two or four semester hours.

Major: 24 semester hours, including Greek 11-(12), 23, 31-(32), 43, and History 21 and (22).

Minor: 15 semester hours, including Greek 11-(12), 23, and 31-(32).

#### Latin

- 1-(2).—First-Year Latin. Drill in the fundamentals of Latin grammar, with added reading of Latin prose in the second semester. Six semester hours.
- 11-(12).—Intermediate Latin. Grammar and prose composition. Selected readings from Latin prose and poetry. Public and private life of the Romans. Offered for those entering with two or three units of Latin, or for those who have completed Latin 1-(2). Six semester hours.
- 21-(22).—ROMAN HISTORIANS. Selections from Livy, Sallust, and Suetonius. Review of grammar. Parallel reading in Roman history and government. Reports on assigned topics.

Horace: Odes and Epodes. The life and literature of the Augustan Age. Horace and his philosophy of life. Six semester hours.

- 31.—PLAUTUS AND TERENCE. Reading of at least two plays of each poet. Study of the ancient theater and of the literature of the Roman Republic. To be given 1951-52. Three semester hours.
- (32).—Letters of Cicero. The life and character of Cicero as revealed in his letters; a study of the political and social conditions of his Age. To be given 1951-52. Three semester hours.
- 33-(34).—Prose Composition. Special attention is given to Latin idiom and sentence structure. Much practice in both oral and written composition. Given every year. Two semester hours.
- 41.—VIRGIL: the Bucolics, Georgics and portions of the Aeneid, VII-XII. Virgil's life and literary influence. Comparison of his epic with the epic poems of other literatures. To be given 1949-50. Three semester hours.
- (42).—Roman Satire. Horace, Juvenal, and Petronius. The origin and development of Roman satire; study of Roman social life. To be given 1949-50. Three semester hours.
- 45.—CATULLUS AND OVID Catullus as a lyric poet; his influence upon later writers. The *Metamorphoses* of Ovid; special attention is given to classical mythology and art. *To be given 1950-51. Three semester hours.*
- (46).—Roman Philosophy. Lucretius, Selections; Cicero, Tusculans; Seneca, Essays and Letters. To be given 1950-51. Three semester hours.

Major: 29 semester hours, including Latin 11-(12), 21-(22), 33-(34), and History 23 and 24.

Minor: 18 semester hours, including Latin 11-(12) and 21-(22).

# ECONOMICS

# Associate Professor Fink, Assistant Professors Gardner and Prinz, Mr. Nestor

- 31-(32).—Principles of Economics. An intensive analysis of our economic system, its organization and its functions. The first semester's work involves definitions and concepts, elementary principles, and the methods and procedures of economic analysis and logic. During the second semester attention is focussed upon the application of those principles and methods as they apply to special areas and problems, in order that skill may be developed in analysis of recurrent types of economic relationships. Six semester hours.
- 37.—The Economics of American Industry. A study of the origins of manufacture in the U. S. A., its dynamic nature, and its socially important problems. Selected industries are surveyed under three major headings: (1) The place and structure of the industry in our economic order; (2) the historical development and evolution, and (3) the competitive aspects of the industry. Three semester hours.
- (38).—Economics of Consumption. The nature of consumption and its relation to income and saving, including productive consumption and methods of saving; income distribution and the personal allocation of income in relation to consumer needs and levels of living; factors affecting the use of income, and the role of both governmental and private agencies in educating and safeguarding consumers. Three semester hours.

- 39-(40).—ACCOUNTING. A course designed to acquaint those preparing for business or the professions with a general knowledge of accounting as a method of economic analysis and interpretation. Use of accounting for information and control; double entry theory; techniques; classification of accounts; problems in valuation; preparation and analysis of operating cost and other financial statements. Six semester hours.
- 41 or (42).—Business Organization. The forms of business enterprise compared in their legal status and economic importance; dominance of the corporate form of private enterprise; problems of business administration; investors' rights and state control. A major part of the course is devoted to the corporation as a private business agency, but considerable attention is given to the use of the corporation by our federal government in public enterprise. Prerequisite: Economics 31-(32). Three semester hours.
- 43.—Economic Geography. A study of the main geographic regions of the world with respect to their climate, natural resources, main products, and their population (its density and stage of development) as a basis for the understanding of world trade and international economic policies. Two semester hours.
- (44).—Public Finance. A survey of the field of government finance—national, state and local. Trends and purposes in governmental income and expenditures; analysis of deficit financing, and taxation theory and practice; the relation of these aspects of finance to credit and price structures, business administration, and the business cycle as a factor in determining public policy. Prerequisite: Economics 31-(32). Three semester hours.
- 45.—Public Utilities. The economic nature and the legal status of public utilities; principles underlying the evolving regulation of utilities by federal, state, and local governments. Government ownership as an alternative form of control. Prerequisite: Economics 31-(32). Three semester hours.
- (46).—Principles of Marketing. A study of methods of distribution of the products of industry through manufacturer, wholesaler, jobber, and retail outlets. A comparison of the marketing methods of small independent units with those of the multiple outlet or chain types, together with an evaluation of the relative risks and costs with their effect upon price and pricing policies. Prerequisite: Economics 31-(32). Three semester hours.
- 47.—Money and Banking. An examination of the role of money and credit in a system of private enterprise under varying degrees of public supervision and control. An analysis and appraisal of monetary and financial policies and practices. Prerequisite: Economics 31-(32). Three semester hours.
- (48).—Foreign Trade. A study of the relation of international trade to national welfare with an evaluation of national policies of the past and present. The mechanism of international trade, including the mercantile and banking policies and institutions. National controls as an instrument of national policy, including tariffs, exchange regulations, quotas, and suggested implementations under the United Nations Organization. Prerequisite: Economics 31-(32). Three semester hours.
- 49.—Transportation. A survey of the evolution of our transportation facilities and an analysis of the economic principles and conditions which have caused those facilities to be subjected to governmental regulations; an examination of the evolution of those regulations and the present status of public carriers. Prerequisite: Economics 31-(32). To be given 1950-51. Three semester hours.
- (50).—Monopoly and Public Policy. A critical examination of the institutions of private property, individualism, and competition, with special emphasis on the development of imperfect competition and monopoly; the nature, the pur-

pose, and the evolution of legislation designed to meet the emerging problems. Prerequisite: Economics 31-(32). Two semester hours.

- 51.—Economic Problems. The critical analyses of several special problems arising out of current issues, such as economic nationalism, conversion from war to peace time economy, unemployment and public works, federal aid or control involving agriculture, business and price structures. Prerequisite: Economics 31-(32). Two semester hours.
- (52).—The Economics of Foreign Policy. History and status of our foreign policy in relation to foreign trade, the quest for natural resources, protection of national interests; private and public international debts; isolationism vs. internationalism. Prerequisite: Economics 31-(32). Three semester hours.
- (62).—Advanced Accounting Analysis. Prerequsites: Economics 31-(32), 39-(40). Three semester hours.
- 71.—Economic History of the United States of America. A survey of the development of agriculture, industry and commerce, transportation and banking, in the U. S. A., as an evolving economy. Prerequisite: Economics 31-(32). Three semester hours.
- (72).—ECONOMIC HISTORY OF EUROPE. A course similar to Economics 71, but dealing with Great Britain, France, Germany, Italy, Russia, and Sweden. Prerequisite: Economics 31-(32). To be given 1950-51. Three semester hours.
- \*(74).—Economic Thought. A critical examination of the great classical and neo-classical writers and their critics, with an attempt at synthesis and evaluation as a component part of economic theory. Prerequisite: Economics 31-(32). Two semester hours.
- \*75.—Business Cycles. The relationships between industries, between government and business, and between national economic systems are surveyed for the purpose of showing the integral character of trade cycles, and illustrating current business cycle theories. The fundamental forces underlying fluctuations in business are examined with a view to understand the causes thereof, and to evaluate devices used to direct the operation of these forces. Prerequisite: Economics 31-(32). To be given 1950-51. Two semester hours.
- \*(76).—Contemporary Economic Systems. A comparative study and evaluation of recent experiments in economic organization by the United States of America, England, Germany, Italy, Russia, France and Sweden. Prerequisite: Economics 31-(32). Three semester hours.
- 77.—LABOR PROBLEMS. The status of the worker within the changing economic system of the United States of America; wage trends and standards of living; employer-employee relationships under unorganized labor conditions and under collective bargaining; the nature and extent of unemployment, and the role of government in this and other fields of labor relationships. Prerequisite: Economics 31-(32). Three semester hours.
- (78).—Industrial Management. The significance of management in industry in a democracy, including the management of physical property and man-power; organization of physical facilities, production controls, and cost controls being surveyed in detail. Prerequisite: Economics 31. To be given 1948-49. Three semester hours.
- \*91, (92).—Special Problems. Investigation of assigned problems to give acquaintance with methods of research and presentation of data. Prerequisite: Economics 31-(32). One semester hour.

95, (96).—Seminar. A reading and conference course for advanced and honor students. Prerequisite: Economics 31-(32). To be given each semester. Two semester hours.

Note: Students who plan to make Economics their major field of study should arrange to take Social Science 11 as early as possible, and Economics 31-(32) not later than their Sophomore year to avoid difficulty in elections.

Economics 62, 95, 96, 74, 75, 76, 91 and 92 are open only to students majoring or minoring in Economics.

Under certain conditions, and with the consent of the Department of Economics, credit toward a major or minor may be given for the following courses from other departments: History 77—Introduction to Physical and Economic Geography; Mathematics 44—Statistics; Sociology 46—Social Security.

# EDUCATION AND PSYCHOLOGY

## Education

Professor Thompson, Associate Professor James, Assistant Professors Bowman, Morrison, McCullough and Wanner

- 21 or (22).—Principles of Secondary Education. This course performs the twofold function of a general introduction to the field of education and a systematic analysis of the basic principles involved in a constructive theory of education—aims, values, agencies, the curriculum, organization, practice—serviceable to the citizen and the teacher. Text, supplementary lectures, assigned readings. Three semester hours.
- 31 or (32).—Educational Psychology. An introductory course in the facts and principles of psychology which relate practically and directly to the general and specific problems of education, involving such problems as arise in connection with the curriculum, methods of learning and of teaching, classification, etc. Emphasis is laid upon the results of scientific study. Text, lectures, readings, problems, reports. Prerequisite: Psychology 11 or (12). Three semester hours.
- 33 or (34).—Methods of Teaching in Secondary Education. This course is designed to acquaint the student with the best philosophic and scientific data in the solution of the varied problems confronting the classroom teacher, with particular reference to the high school. Stress is laid upon the various types of learning and teaching, methods of organization and control, looking to the development of a flexible and effective classroom technique. Text, supplementary lectures, readings, reports. Open to juniors and seniors who plan to teach. Prerequisite: Education 31 or (32). Three semester hours.
- 35 or (36).—HISTORY AND PHILOSOPHY OF EDUCATION. Education as a great social agency with a background of the general history of civilization constitutes the point of view of this course. Text, lectures, assigned readings, reports. Three semester hours.
- 39 or (40).—Curriculum. The curricula of progressive junior and senior high schools is the major basis of this course, with particular attention to curricula in the subject-matter of the student's field of concentration. The contributions of educational philosophy, psychology, sociology, and history to a progressive adjustment in academic, cultural, and technical courses of study are evaluated, with stress on some of the more significant principles and methods of curriculum and course of

study construction and revision. Lectures, discussions, special reports and readings. Three semester hours.

- 43 or (44).—Educational Measurement. An introductory course seeking to interpret the general principles of educational measurement, with emphasis on such topics as: significance of the modern test movement; uses and abuses of tests; types of tests and scales; their validity; principles of selection and design; technique of administering and scoring, tabulating and interpreting results. Numerous individual tests are critically examined and evaluated. Text, lectures, readings, reports. Prerequisite: Education 31 or (32). Two semester hours.
- 47 or (48).—Special Methods. Specific methods of teaching as applied to the specialized fields for which the student is preparing. Whenever possible the course is given by a member of the department in which the student has his major. To be elected along with Education 33 or (34). Open to juniors. Prerequisite: Education 31 or (32). One semester hour.
- 51 or (52).—VISUAL AND SENSORY TECHNIQUES. A study of the visual and sensory techniques currently used in classroom procedure. Lectures, demonstrations, reports, laboratory work. A laboratory fee of \$5.00 is charged for work in this course. One semester hour.
- 61-(62).—Supervised Practice Teaching. Permission to elect this course must be secured from the head of the department and will depend upon the scholastic attainment, professional interest in teaching, evidence of a superior teaching personality in the student, and the opportunities available for this work in the nearby high schools. The College will endeavor to make convenient arrangements for the student who meets the requirements for practice teaching, but travel involved and hours of work are primarily the responsibility of the student. A laboratory fee of \$25.00 is charged for work in this course. Open only to approved seniors. Prerequisities: Education 33 or (34) and Education 47 or (48). Six semester hours.

Note: This department does not offer a major in Education. The student preparing to teach completes his major in another department of the college.

# Psychology

- 11 or (12).—Brief Introduction to General Psychology. This course is a prerequisite to all other courses offered in psychology. Three semester hours.
- 21-(22).—PSYCHOLOGICAL LABORATORY. An introductory course in Experimental Psychology, designed to acquaint the student with the method of determining the more elementary facts of human behavior. Exercises in Sensation, Attention, Perception, Memory, Affection, and Motor processes. A laboratory fee of \$10.00 is charged for work in this course. Eight hours, counting as four semester hours.
- 33 or (34).—Personality. A study of the origins and development of personality and of the methods used to measure it. The purpose of this course is to enable the student to construct for himself a wholesome view of mental life. It should help one to avoid pathological deviations for himself and to recognize such unwholesome conditions when he meets them in other people. Three semester hours.
- 41 or (42).—Social Psychology. A study of the principles of psychology as they are related to the problems of society. The point of attack on these problems is psychological, and the interpretation is in terms of the latest scientific viewpoints in psychology. In alternate years; to be given 1950-51. Three semester hours.
- 43 or (44).—Applied Psychology. Lectures and experiments illustrating the applications of psychology to the day-to-day situations which accompany human

relations in such areas as business, industry, and professional pursuits. In alternate years; to be given 1949-50. Two semester hours.

- 45 or (46).—Child Psychology. An introduction to the study of the essentials of child life, together with the psychological principles involved. Two semester hours.
- 47 or (48).—Adolescent Psychology. Detailed study of the characteristics of adolescence with emphasis on the genetic development of the individual and an interpretation of the special problems of youth in psychological terms. Two semester hours.
- 57 or (58).—Industrial Psychology. A study of those psychological principles which contribute to that knowledge of human behavior which is of especial value for business and industry in the efficient management of personnel, and in the manufacture, movement, and sale of goods. In alternate years; to be given 1950-51. Three semester hours.
- \*59 (60).—PSYCHOLOGICAL MEASUREMENT. A review of the psychological measurement movement, together with a study of the techniques of test building, and analyses of outstanding tests; demonstrations, lecture, and supervised practical experience in the administration and interpretation of individual and group psychological tests. *Two or four semester hours*.
- \*61 or (62).—Systematic Psychology. An examination of the various viewpoints in psychology. Detailed study of terms, methods, and the philosophical implications of the various schools of psychology. Lectures, textbook readings, special papers and discussions. In alternate years; to be given 1949-50. Three semester hours.
- 63 or (64).—History of Psychology. A study of the development of scientific psychology during the last hundred years with a survey of the backgrounds in philosophical psychology. The purpose of this course is to acquaint the student with the constantly widening range of the experimental and quantitative methods with the emphasis upon the results of research as opposed to the progress of psychological theory. In alternate years; to be given 1949-50. Three semester hours.
- \*65 or (66).—Abnormal Psychology. An introduction to the field of abnormal psychology designed for the advanced undergraduate. The facts presented are valuable as background for medical students and for those who contemplate social and educational work. Open to juniors and seniors who are Psychology Majors, Minors, and Pre-Medical students. In alternate years; to be given 1950-51. Three semester hours.
- \*67 or (68).—Legal Psychology. A survey of those areas of psychological investigation which are of particular import to the legal profession. The concept of legal aptitude, psychological problems relating to the causes of criminal behavior, the determination of guilt, and other topics are treated by lecture, demonstration, discussion, and practical work. Open to juniors and seniors who are Pre-Legal students. One semester hour.

Note: The courses offered in this department are of a general and introductory character and are designed to lay the foundation upon which the student may build a career in psychology after graduate study, rather than to prepare for a specific vocation upon graduation from college.

Major: 24 semester hours in departmental course work. Minor: 18 semester hours in departmental course work.

# ENGLISH

Professor Barnes, Associate Professors Schecter, Sloane and Horlacher, Assistant Professors Warlow, Smith, and Bowden, Mr. Davis

- 1-(2).—English Composition. A study of the principles of grammar and rhetoric necessary for clear and vigorous written English. A weekly theme provides practice in the various kinds of expository writing. In the second semester the student is introduced to the study of literature. Required of all freshmen. Six semester hours.
- 11-(12).—A Survey of English Literature. A foundation course in English literature. The course traces the growth of literary types and values against the background of history, from earliest times to the present. (It is recommended that English 11-(12) be taken in the sophomore year by all students contemplating further work in English). Six semester hours.
- 25 or (26).—Advanced Composition. An intensive course in the techniques of practical writing. Special attention is given the development of ideas and their critical appraisal through exposition. *Three semester hours*.
- 33 or (34).—Public Speaking. The theory of and practice in the fundamentals of public speaking. Two semester hours.
- 35.—HISTORY OF THE ENGLISH LANGUAGE. A study of the origins and growth of the English language from the earliest times to the present. Three semester hours.
- (36).—Structure of the English Language. A course in advanced English grammar with an introduction to semantics, intended for language students and those preparing to teach English. Three semester hours.
- 37-(38).—WORLD LITERATURE. Readings from a selected group of literary masterpieces of particular significance to Western culture. Lectures by various members of the faculty. Six semester hours.
- 39.—English Drama. The development of English drama from the liturgical play to the late 18th century comedy of manners. Two semester hours.
- (40).—Modern Drama. The contemporary theatre, with a brief survey of the work of Ibsen and his Continental followers. Two semester hours.
- 41-(42).—Shakespeare. First Semester: comedies and histories. The works of Shakespeare's apprenticeship and early maturity, with particular emphasis on Shakespearean stagecraft. Second semester: tragedies and romances. A study of Shakespeare's later work, especially Hamlet, Macbeth, Othello, King Lear, Antony and Cleopatra, A Winter's Tale, and The Tempest. Open only to juniors and seniors. Six semester hours.
- 43.—English Literature of the 18th Century. A study of representative English prose and poetry from Pope to Johnson. Prerequisite: English 11-(12). To be given 1950-51. Three semester hours.
- (44).—Chaucer. A study of Chaucer's major works especially The Canterbury Tales and Troilus and Criseyde. Prerequisite: English 35. To be given 1950-51. Three semester hours.
- 45-(46).—A SURVEY OF AMERICAN LITERATURE. Major literary trends traced from Puritan and Revolutionary times, with emphasis on the Romantic writers, Irving, Hawthorne, Emerson, Thoreau, and Longfellow. Prerequisite: English 11-(12). Six semester hours.

- 53-(54).—ENGLISH LITERATURE OF THE 17TH CENTURY. First semester: a study of the important poets and prose writers of the 17th century, from Donne to Dryden. Second semester: a detailed study of the prose and poetry of John Milton. Prerequisite: English 11-(12). Six semester hours.
- 61.—ENGLISH PROSE OF THE 19TH CENTURY. A study of the important non-fiction prose works of the period, particularly Romantic criticism and the works of the later Victorians. Prerequisite: English 11-(12). Two semester hours.
- (62).—English Poetry of the 19th Century. A study of the major Romantic and later Victorian poets. Prerequisite: English 11-(12). Two semester hours.
- 67 or (68).—TWENTIETH CENTURY FICTION. The reading of a selected group of present-day novels representative of English, American, and Continental literary trends. Three semester hours.
- 81, (82).—Creative Writing. An examination of the writer's art and the student's own composition. Classroom discussion and individual conferences. Experience with writing and criticizing various forms of prose, especially descriptive and narrative. Two semester hours.
- 91-(92).—LITERARY CRITICISM. An introduction to the works of the major critics. The course is a seminar for the discussion of the great critics from Plato to T. S. Eliot. Each student will undertake a project in original criticism. Open only to students with an average of B or above. Prerequisite: English 11-(12). To be given 1950-51. Six semester hours.
- 93-(94).—Seminar. Discussion of literary and other problems relating to some particular phase of the major sequence. Work of the second semester will include an individual research project for each student. Open only to English majors. Required of all senior English majors. Six semester hours.
- 95, (96).—Dramaturgy. This is a laboratory course in the arts of the theatre, with practical exercises in acting, directing, and play production. The year's work will include two major productions as well as individual projects in the various aspects of stagecraft. Fee: Five dollars per semester. Five hours counting as three semester hours.

Note: Courses for which dates are given will be offered in alternate years. Other courses are offered yearly.

Major: 30 semester hours, including English 11-(12), 35, 41-(42), 95-(96) and 6 hours from the following group: English 43, (44), 45-(46), 53-(54), 61, (62).

Minor: 18 semester hours, including English 11-(12) and six hours from the following group: 41-(42), 43, (44), 53-(54), 61, (62), 45-(46).

# ETHICS

See Philosophy

## FRENCH

See Modern Languages and Literatures

#### FINE ARTS

#### Assistant Professor Flower

- 31-(32).—HISTORY OF ART. A general survey course of both major and minor fields of art. This course serves as an introduction to more intensive study in any one field, and endeavors to acquaint the student with all phases of the subject. Six semester hours.
- 41, (42).—HISTORY OF ARCHITECTURE. A chronological history of architecture with stress laid upon Greek, Roman, Gothic and Renaissance structure, form and style. The second semester, beginning with the Post-Renaissance in England, is divided into a study of the development and influences in American Architecture, and contemporary building. Open only to Juniors or Seniors. Three or six semester hours.
- 43, (44).—HISTORY OF PAINTING. A course in the history and appreciation of painting. The first semester is devoted to a study of Italian Renaissance painters, and their European contemporaries. The second semester offers study of the Impressionists and their successors, with special attention to the Modern School. Open only to Juniors and Seniors. Alternates with 41, (42); to be given 1950-51. Three or six semester hours.

#### GEOLOGY

# ASSISTANT PROFESSOR EMBICK

- 11-(12).—Physical Geology. Covers geological principles and external processes, including rock weathering and soils, river action and valley development, and glacial effects. Studied with a view to their application to the State of Pennsylvania. Internal processes and their effects are examined, along with earth movement in mountain building, faulting and folding, and rift valleys. Limited to fifty students. Laboratory fee of \$10 per semester. Six semester hours.
- 11-(12) L.—Physical Geology. Laboratory course. Four hours counting as two semester hours.
- 21-(22).—HISTORICAL GEOLOGY. This course places emphasis on the Ordovician, Silurian, and Devonian series of strata surrounding Dickinson College, especially in Cumberland and Perry counties. The fundamentals of correlation by means of fossil faunas are taught by field and laboratory exercise. Laboratory fee of \$5 per semester. Six semester hours.
- 23.—Mineralogy. A course in descriptive mineralogy in which the various mineral groups are studied. Minerals of economic importance are stressed. Laboratory fee of \$2.50. Two semester hours.
- (24).—MINERALOGY. A study of minerals with the determination of unknowns by the standard methods. The classification of minerals as chemical compounds and as rock builders is the chief aim of the course. Laboratory fee of \$2.50. Prerequisite Chemistry 11-12. Two semester hours.
- 25 or (26).—Introductory Paleontology. This course takes up the chief taxonomic fossil groups with fossils of Pennsylvania Paleozoic formations being stressed. The purpose of the course is to familiarize the student with the fossil faunas of the State of Pennsylvania that he may determine for himself the age of the fossiliferous rocks within the state. Counts toward a biology major. A laboratory fee of \$2.50 is charged for this course. Two semester hours.

31, (32).—Economic Geology. This course covers a study of ores and ore deposits, and oil and coal fields largely in Pennsylvania. It is designed to give the student a clear understanding of phases of economic and geological mineral resources of the State. Laboratory fee of \$2.50 per semester. Three or six semester hours.

Minor: 18 semester hours in departmental course work, including Geology 11-(12).

## GERMAN

See Modern Languages and Literatures

#### GREEK

See Classical Languages and Literatures

#### HISTORY

Professor Wing, Associate Professors Stough and Bell, Assistant Professors Pflaum and Kellogg\*, Mr. Smith

11-(12).—Survey of World History. The primary objective is to acquaint the student with the principal phases of human development in the past 6000 years. Although the history of European civilization is emphasized, some attention is given to significant events in the history of the Western Hemisphere and of Asia. Economic, social, and cultural phases are studied, as well as the political and military. Considerable emphasis is given to teaching the proper methods of historical study and investigation, and to developing habits of precision in knowledge and of tolerance in judgment. Required for major or minor in History. Six semester hours.

13.—Introduction to Human Geography. After a brief survey of the general principles of geography, cartography, and climate the course is concerned with the physical conditions under which men live and their adjustment and development. This course may be taken by any of the students in the college. Two semester hours.

- (14).—HISTORICAL GEOGRAPHY. After a brief discussion of the history of geographical discovery and of the development of geographical science the course is concerned with the influences of geographical conditions upon historical developments and the uses which historians make of geographical data to interpret historical events and trends. Prerequisite: History 11. Two semester hours.
- 17-(18).—AMERICAN HISTORY, 1492-1914. The history of European discovery and settlement in the Western Hemisphere is followed by an intensive study of the colonial and national periods of the region now known as the United States. Only incidental attention is given to the development of Canada and Latin America. This course is continued in History 55 and in History 76. Required for major or minor in History. Six semester hours.
- 21, (22).—HELLENIC HISTORY. A study of the Greek people from 1100 B.C. to the Roman era. Emphasis is placed on the development and achievements of \* Absent on leave, 1948-49.

the Hellenes in the fifth and fourth centuries before Christ. The Aegean World is treated briefly as an introduction to the history of the Hellenes. Some attention is also given to the spread of Hellenic ideas and their adaptation in the period following the death of Alexander. Alternates with History 23, 24; to be given 1950-1951. Three or six semester hours.

- 23, (24).—ROMAN HISTORY. A study of the development of the Roman people from 1100 B.C. to 400 A.D. The history of the period from 200 B.C. to 200 A.D. is emphasized. Attention is given not only to the military and political developments of the Roman Empire but also to the characteristic products of Roman civilization. Alternates with History 21, 22; to be given 1949-1950. Three or six semester hours.
- 29, (30).—Mediaeval History, 395-1543. After a brief review of conditions in the later Roman Empire and of the development of the Christian Church, the work is devoted to a survey of the narrative history of the Middle Ages, to the study of the development of Mediaeval institutions, and to the understanding of Mediaeval civilization and ideals. Two or four semester hours.
- 39 or (40).—United States History, 1789 to 1949. A brief course for those who do not enroll in History 17-(18). Emphasis is placed on the major political and economic events and movements. Three semester hours.
- 43.—English History, 55 B.C. to 1603 A.D. A study of the contributions to England by the Romans, Saxons, and Normans. Emphasis is placed on the foundations of national unity and the formation of a united English nation. Attention is given to the cultural, social, and economic phases of the period. Three semester hours.
- (46).—English History, 1603 to date. Emphasis is placed on the expansion of England and the motives for the acquisition of the British Empire. Attention is given to the study of the English side of the American Revolution, the Industrial Revolution, the reform movements in England, and the growth of democracy. Three semester hours.
- 47.—AMERICAN COLONIAL HISTORY. A survey of English America from 1607 to 1789. The course covers the discoveries and settlements by the English in the 16th and 17th centuries, the growing maturity of the colonies in the 18th century, the problems of imperial control after 1763, and the emergence of a national character in the period of the American Revolution. Three semester hours.
- (48).—HISTORY OF PENNSYLVANIA. The political, economic, and social development of the Commonwealth from the first settlements by the Swedes to the present time. Special emphasis is placed on the Quaker background and the Holy Experiment, the racial elements in colonial Pennsylvania, and the cultural pre-eminence of Philadelphia in the 18th century, the westward movement, the industrialization of the state, and the dominance of the Republican Party. Three semester hours.
- 49.—AMERICAN CULTURAL HISTORY. An intensive study of American cultural achievements, including arts, letters, sciences. In 1948-1949 the period discussed was the Age of the Enlightenment, especially the interrelations of the American, English, and Continental cultural centers. Two semester hours.
- 55.—RECENT AMERICAN HISTORY, 1914-1949. After a brief review of the history of the United States in the period between the Spanish-American War and World War I, the work of the course is devoted to an analysis of the development of the American nation in the more recent period. Emphasis is given to economic and social developments as well as to political and military. Some attention is paid to cultural, scientific, and religious trends. *Two semester hours*.
  - (56).—HISTORY OF LATIN AMERICA. The principal topics included are: ex-

ploration and colonization of the New World by the Spanish and Portuguese, administrative policies, wars of independence, history of the Latin Nations in the Western Hemisphere during the nineteenth century, establishment of the Pan-American Union, relations of Latin America with the United States and with Europe. Three semester hours.

- 57.—HISTORY OF THOUGHT IN ANCIENT AND MEDIAEVAL TIMES. This course deals with intellectual history. It includes: primitive ideas of thinking, science, and magic among the oriental peoples; the development of classical civilization; evolution of scientific ideas from the time of Aristotle to that of Marcus Aurelius; rise of new ideas under the influence of the Roman Empire, the Germanic peoples, and the Christian Church; the achievements in science and thought among the Saracens and the other peoples of Asia; and the trend in the late Middle Ages toward freedom of thinking. In alternate years; to be given in 1950-1951. Two semester hours.
- (58).—HISTORY OF SCIENCE IN MODERN TIMES. The three main objectives are considered: the increasing of scientific information; the development of scientific principles and interpretation; the correlation of scientific ideas with the life of the general population. In alternate years; to be given 1950-1951. Two semester hours.
- 61.—Modern European History, 1500-1815. The work of this semester includes the later phases of the Renaissance, the widening interests of Europeans in science and discovery, the break with authority in the Protestant Reformation and in the economic, social, and political revolutions of the eighteenth century. Three semester hours.
- (62).—HISTORY OF EUROPE IN THE NINETEENTH CENTURY. The work of the semester is divided between the national movements and the economic, social, and cultural developments of the period from 1815 to 1914. This course is continued in History 75. Three semester hours.
- 63.—HISTORY OF THE BRITISH EMPIRE from 1600 to date. An historical study of the methods of acquiring the Empire, its resources, organization, and policies. Much attention is given to the native problem in the various parts of the Empire, and to the imperial military geography of the Empire. Three semester hours.
- (64).—Comparative Study of the British, French, and Netherlands Empires. A continuation of History 63. Three semester hours.
- 73, (74).—HISTORY OF RUSSIA AND ITS NEIGHBORS. The work of the first semester is devoted to the history of the Slavic peoples of Eastern Europe and their neighbors, in the period 400-1801 A.D.; that of the second semester, to the history of the same region in the nineteenth and twentieth centuries. Special attention is directed to the study of the history and institutions of the Soviet Union. Three or six semester hours.
- 75, (76).—World War II. The work of the first semester is devoted mainly to the European phases of the war. A careful study is made of the history of Europe from the outbreak of World War I to December, 1941, of the efforts that were made to insure peace, and of the problems and trends that led to the Second World War. The work of the second semester continues the study of World War II with special emphasis on the participation of the United States and Japan to the surrender of both Germany and Japan in 1945. The history of the Americas and of the Middle and Far East from 1914 to the present time is studied in some detail. A special effort is made to interpret the whole struggle and to appraise the plans proposed to insure a just and durable peace. Three or six semester hours.
- 81.—DIPLOMATIC HISTORY OF THE UNITED STATES, 1778 to date. A study of the diplomacy of the American Revolution and of the leading American treaties

and conventions to which the United States has been a party. The main emphasis is placed on geography and map studies, and the manner in which the United States has expanded. Some study is made of biography. Three semester hours.

- (82).—Social History of the United States, 1790-1840, from diaries and journals of travel. The main topics taken up are religion, education, roads and inns, amusements, towns and cities, health, food and diet. Two semester hours.
- 83.—HISTORY OF THE NEAR EAST. After a survey of the history of Southeastern Europe and of Southern and Southwestern Asia in the period from 395 to 1500, special attention is given to the relations of the Ottoman Empire and other peoples of the Moslem world to the European powers in the modern era. In alternate years; to be given 1950-51. Two semester hours.
- (84).—HISTORY OF MEDIAEVAL AND MODERN INDIA. After a survey of the Hindu and Moslem periods of Indian History preceding the British conquests, the work of the course is concerned principally with the history of India and its relation with the British Empire in the past 200 years. Attention is given to the part India took in the two World Wars and to the problems of the post war era. In alternate years, to be given 1950-51. Two semester hours.
- 85, (86).—History of the Far East. In the first semester a study is made of the origins and historical development of the peoples of Eastern Asia and of the Southwestern Pacific from earliest times to the moment that they were drawn into the sphere of European and American interests. Attention is given to social, cultural, and religious trends, as well as to the narrative of events. The second semester is devoted to the history of the Far East in the past one hundred and twenty-five years and to the problems of this region in relation to the rest of the world. In alternate years; to be given 1949-50. Two or four semester hours.
- 87.—AMERICAN CONSTITUTIONAL HISTORY. A study of the process by which the American Federal Constitution was founded and a narrative account of its historical development with emphasis on the forces that brought about changes and on the evolving interpretations of the constitution by the courts. Three semester hours.
- (88).—AMERICAN HISTORY IN CIVIL WAR PERIOD. A study of the Middle period of American History from 1840-1880 with special reference to the Civil War. Two semester hours.
- 91, (92).—HISTORY SEMINAR. Special problems in research, open only to approved seniors. One or two semester hours each semester.

Major: 30 semester hours, including History 11-(12), 17-(18), 75, and (76), and a course in English History or in European History.

Minor: 18 semester hours, including History 11-(12) and 17-(18).

#### ITALIAN

See Classical Languages and Literatures

#### LATIN

See Modern Languages and Literatures

# LAW

The prelegal student may take four years of College work, followed by three years in the Dickinson Law School, or he may adopt the combined College-Law program. This combined College-Law School program is approved by the State Board of Law Examiners of Pennsylvania. Under the combined program the student who has a scholastic average of at least seventy may elect six semester hours of law in the junior year, if in full standing, and as many as twelve semester hours in the senior year. If, however, the student makes a general average of eighty in the junior year, including six semester hours of law, he may elect eighteen semester hours of law in the senior year, making a total of twenty-four semester hours toward graduation. This combined plan is open only to students who enter College not later than the beginning of the sophomore year. If the student elects the combined plan, he must register his intention to do so with the Junior Class Dean and secure permission from the Dean of the College and Dean of the Law School. An extra charge is made for Law and is payable directly to the Treasurer of the Law School.

#### MATHEMATICS

PROFESSOR AYRES, ASSOCIATE PROFESSOR KUEBLER, MR. PRICE

- 3-(4).—Introduction to Mathematical Analysis. A course combining algebra, trigonometry, and analytical geometry. Designed for students who will continue in mathematics. *Ten semester hours*.
- 7-(8).—MATHEMATICAL THEORY OF INVESTMENTS. Designed for students who are looking forward to business as a profession, this course combines selected topics in algebra with a mathematical treatment of interest, annuities, sinking funds, evaluation of bonds and life insurance. Six semester hours.
- \*9, (10).—General Mathematics. A study of linear, quadratic, power, exponential, logarithmic, and trigonometric functions; simple and compound interest; empirical equations; elements of statistics. Designed primarily as a terminal course. Three or six semester hours.
- 21-(22).—CALCULUS I, II. The standard formulas of differentiation and integration with applications. Prerequisite: Mathematics 3-(4). Six semester hours.
- (34).—DIFFERENTIAL EQUATIONS. A study of ordinary differential equations of the first and second orders, and linear equations of higher orders with applications. Prerequisite: Mathematics 21-(22). Three semester hours.
- 35.—CALCULUS III. A continuation of Mathematics 21-(22); improper integral series, partial differentiation, double and triple integrals with applications. Three semester hours.
- 41.—Analytical Geometry of Space. A study of the plane and the quadric surfaces. Prerequisite: Mathematics 21-(22). Three semester hours.
- (44).—Statistics. An elementary course requiring no knowledge of Calculus. Measures of central tendency and dispersion, simple correlation, index numbers. Prerequisite: One semester of college mathematics. Three semester hours.
- 45.—COLLEGE GEOMETRY. A continuation of high-school geometry dealing with the modern geometry of the circle and triangle. Three semester hours.
- 51.—Projective Geometry. A synthetic treatment of projection, section, perspectivities, projectivities, involutions, point and line conics. *Three semester hours*.

- (52).—Introduction to Modern Algebra. A continuation of Mathematics 3-(4), with attention to the modern theories of algebra. Three semester hours.
- (54).—Theory of Equations. A continuation of Mathematics 3-(4), with particular attention to the solution of equations. Prerequisite: Mathematics 21-(22). Three semester hours.

Note: The mathematics requirement for the degree of Bachelor of Science may be satisfied by Mathematics 3-(4), or Mathematics 9-(10).

Major: 24 semester hours.

Minor: 12 semester hours.

#### MODERN LANGUAGES AND LITERATURES

Professor Grimm, Associate Professors Taintor, Weigel, Sandels, Assistant Professors Kirk, Eaton\*, Maurino and Kennedy, Mr. Zaret, Mrs. Sloane, Miss Fitzpatrick, and Mr. Wise

#### French

- 1-(2).—Elementary French. Thorough drill in grammar. Special attention given to pronunciation and oral work. Composition. Reading of increasing difficulty. Six semester hours.
- 11-(12).—Intermediate French. Grammar review. Reading and composition. Emphasis on oral work. Prerequisite: French 1-(2), or the equivalent. Six semester hours.
- 31, (32).—French Conversation and Composition. The chief aim of this course is to teach the student to speak and understand the language. Pronunciation is taught and corrected by the phonetics method. Grammar review and composition. Course partly conducted in French. Prerequisite: French 11-(12), with a grade of at least C, or the equivalent, or with the permission of the instructor. Six semester hours.
- 33, (34).—Survey of French Literature. Rapid reading of the masterpieces of French literature. Prerequisite: French 11-(12), with a grade of at least C, or the equivalent, or with the permission of the instructor. Six semester hours.
- 41, (42).—Advanced French Conversation and Composition. A continuation of French 31, (32). Course conducted in French. Prerequisite: French 31, (32), with a grade of at least C, or the equivalent. Six semester hours.
- 51, (52).—FRENCH LITERATURE OF THE SEVENTEENTH CENTURY. Reading and discussion of representative works of the important writers of the century. Collateral readings and reports. Prerequisite: French 33, (34), with a grade of at least C, or the equivalent, or with the permission of the instructor. To be given 1951-52. Six semester hours.
- 53, (54).—French Literature of the Eighteenth Century. Reading and discussion of representative works of the important writers of the century. Collateral readings and reports. Prerequisite: French 33, (34), with a grade of at least C, or the equivalent, or with the permission of the instructor. To be given 1949-50. Six semester hours.

<sup>\*</sup> Absent on leave, 1948-49.

- 55, (56).—French Literature of the Nineteenth Century. Reading and discussion of representative works of the important writers of the century. Collateral readings and reports. Prerequisite: French 33, (34), with a grade of at least C or the equivalent, or with the permission of the instructor. To be given in 1950-51. Six semester hours.
- 61, (62).—French Drama. A study of the French theatre from 1600 to the present day. Reading and discussion of representative works. Collateral readings and reports. Prerequisite: French 33, (34), with a grade of at least C, or the equivalent, or with the permission of the instructor. Six semester hours.
- 63, (64).—The French Novel. A study of the French novel from 1600 to the present day. Reading and discussion of representative works. Collateral readings and reports. Prerequisite: French 33, (34), with a grade of at least C, or the equivalent, or with the permission of the instructor. Six semester hours.

Major: 30 semester hours, including French 11, (12), 31, (32), 33, (34), 41, (42), and one of the following: French 51, (52), French 53, (54), French 55, (56).

Minor: 18 semester hours, including French 11-(12), 31, (32), and 33, (34).

#### German

- 1-(2).—Elementary German. Study of fundamental elements of German grammar. Reading of short stories and poetry of increasing difficulty. Emphasis on oral expression. Six semester hours.
- 11-(12).—Intermediate German. Intensive reading of prose and poetry of greater difficulty, with emphasis on vocabulary building. Oral practice based on material read. Review of fundamental principles of grammar. Prerequisite: German 1-(2), or the equivalent. Six semester hours.
- 21-(22).—Scientific German. A course designed for students majoring in the sciences. Introduction to scientific and technical literature, with drill in sentence structure and word composition. Readings from scientific tests and journals. Prerequisite: German 11-(12). Six semester hours.
- 31, (32).—German Conversation and Composition. Training in speaking and writing of everyday German. Intensive review of grammar. Prerequisite: German 11-(12), with a grade of at least C, or the equivalent, or with permission of the instructor. Six semester hours.
- 33, (34).—Survey of German Literature. An introduction to German literature, presenting its development from the earliest period to the present time. Lectures and readings from representative works. Prerequisite: German 11-(12), with a grade of at least C, or the equivalent, or with the permission of the instructor. Six semester hours.
- 41, (42).—Advanced German Conversation and Composition. A continuation of German 31, (32). Course conducted in German. Prerequisite: German 31, (32), with a grade of at least C, or the equivalent, or with the permission of the instructor. Six semester hours.
- 61, (62).—Goethe and Schiller. Reading of Goethe's poems and major prose works during the fall session. The spring session is devoted to Schiller's ballads, dramas and prose writings. Prerequisite: German 33, (34), with a grade of at least C, or the equivalent, or with the permission of the instructor. To be given 1950-51. Six semester hours.
  - 65.—The German Lyric. A survey of German lyric poetry from its origins

to the present. Reading and discussion of representative authors. Prerequisite: German 33, (34), with a grade of at least C, or the equivalent, or with the permission of the instructor. Three semester hours.

- (66).—The German Drama. The development of the German drama from the mediaeval mystery plays to the dramatic productions of modern times. Reading and interpretation of representative dramas. Prerequisite: German 33, (34), with a grade of at least C, or the equivalent, or with the permission of the instructor. Three semester hours.
- 67.—The German Short Story. The development of the *Novelle* from Goethe to Thomas Mann, with special emphasis on the authors of Romanticism, Poetic Realism, and modern literary movements. Reading and discussion of representative *Novellen*. Prerequisite: German 33, (34), with a grade of at least C, or the equivalent, or with the permission of the instructor. *Three semester hours*.
- (72).—HISTORY OF THE GERMAN LANGUAGE. A study of the various periods of the language, with special emphasis on the development of forms and meanings and the influence of individual men and historical circumstances. Prerequisite: German 11-(12), with a grade of at least C, or the equivalent, or with the permission of the instructor. Three semester hours.

Major: 30 semester hours, including German 11-12, 31, (32), 33, (34), and 41, (42), and six additional hours chosen from courses numbered above 40.

Minor: 18 semester hours, including German 11-12, 31, (32), and 33, (34).

#### Italian

- 1-(2).—Elementary Italian. Thorough drill in grammar. Special attention given to pronunciation and oral work. Composition. Reading of increasing difficulty. Six semester hours.
- 11-(12).—Intermediate Italian. Grammar review. Reading and composition. Emphasis on oral work. Prerequisite: Italian 1-(2), or the equivalent. To be given 1950-1951. Six semester hours.

# Spanish

- 1-(2).—Elementary Spanish. Thorough drill in grammar. Special attention given to pronunciation and oral work. Composition. Reading of increasing difficulty. Six semester hours.
- 11-(12).—Intermediate Spanish. Grammar review. Reading and composition. Emphasis on oral work. Prerequisite: Spanish 1-(2), or the equivalent. Six semester hours.
- 31, (32).—Spanish Conversation and Composition. The chief aim of this course is to teach the student to speak and understand the language. Pronunciation is taught and corrected by the phonetics method. Grammar review and composition. Course partly conducted in Spanish. Prerequisite: Spanish 11-(12), with a grade of at least C, or the equivalent, or with the permission of the instructor. Six semester hours.
- 33, (34).—Survey of Spanish Literature. Rapid reading of the masterpieces of Spanish literature. Prerequisite: Spanish 11-(12), with a grade of at least C, or the equivalent, or with the permission of the instructor. Six semester hours.
- 41, (42).—Advanced Spanish Conversation and Composition. A continuation of Spanish 31, (32). Course conducted in Spanish. Prerequisite: Spanish

- 31, (32), with a grade of at least C, or the equivalent, or with the permission of the instructor. Six semester hours.
- 51, (52).—Spanish Literature of The Golden Age. Reading and discussion of representative works of the important writers of the Golden Age. Collateral readings and reports. Prerequisite: Spanish 33, (34), with a grade of at least C, or the equivalent, or with the permission of the instructor. Six semester hours.
- 55, (56).—Spanish Literature of the Nineteenth Century. Reading and discussion of representative works of the important writers of the century. Collateral readings and reports. Prerequisite: Spanish 33, (34), with a grade of at least C, or the equivalent, or with the permission of the instructor. To be given 1950-51. Six semester hours.
- Major: 30 semester hours, including Spanish 11-(12), 31, (32), 33, (34), and 41, (42), and six additional hours in courses numbered above 40.

Minor: 18 semester hours, including Spanish 11-(12), 31, (32), and 33, (34).

#### Russian

- 1-(2).—Elementary Russian. Thorough drill in the elements of Russian grammar. Special attention given to pronunciation. Dictation and composition. Reading of elementary texts. Six semester hours.
- 11-(12).—Intermediate Russian. Grammar review. Reading of texts selected from the field of Modern Russian Literature. Prerequisite: Russian 1-(2), or the equivalent. Six semester hours.
- 35-(36).—Modern Russian Literature in Translation. Reading and discussion of representative works of Russian Literature of the Nineteenth and Twentieth Centuries. Collateral readings and reports. Six semester hours.

Note: The courses listed here are part of a Panel of Russian Studies recently incorporated in the curriculum. See "Russian Studies Panel."

#### MUSIC

#### ASSOCIATE PROFESSOR SCHECTER

- 41.—The Appreciation of Music. Includes a study of the growth of music and an analysis of its forms. Previous training in music is not necessary. Two semester hours.
- (42).—The History of Music. Includes a study of eleven great composers. Previous training in music is not necessary. Two semester hours.

#### PHILOSOPHY AND RELIGION

# Professor Rohrbaugh and Gould, Assistant Professor James\*, Mr. Robb

- 11 or (12).—Introduction to Philosophy and Religion. A course which surveys the important periods of philosophy with special attention being given to the influences of the physical and social sciences and to the relationship between philosophy and religion. Some of the problems studied are the nature of reality,
- \* Absent on leave, 1948-50.

the sources of knowledge, the interpretation of nature, and the great ends of life. Three semester hours.

- 15 or (16).—Introduction to the Bible. A survey course which aims to assist the student in a scholarly approach to the Bible, the use of commentaries and related material, interpretation of texts, questions of authorship, history, validity, and religious values. The course centers in the Old Testament in its historical and literary setting, with special reference to its ethical and spiritual content. Three semester hours.
- 25.—HISTORY OF CHRISTIANITY. A survey of Christian life and thought which is chiefly concerned with the intellectual and religious development and influence of the Church from its origin to the present. Three semester hours.
- (26).—CLASSICS OF CHRISTIAN THOUGHT. A first-hand study of some of the great books of Christian thought and devotion which have contributed significantly to the Christian culture of the Western World. Some of the authors from whose works selections are read are Augustine, Francis, Thomas a Kempis, Thomas Aquinas, Luther, Calvin, Pascal, Wesley, Kierkegaard, Newman, and Von Hugel. Three semester hours.
- 27.—Science of Religion. Intended to familiarize the student with some of the important results in the scientific study of religion. Primarily a psychological and sociological approach to various phases of the religious life, such as conversion, worship, faith, and prayer. *Three semester hours*.
- (28).—HISTORY OF RELIGIONS. A study of the origin and growth of religion, including an examination of primitive religion, followed by an outline study of the great religions of the world. Special emphasis is given the principal living religions. Three semester hours.
- 29.—The Gospels. A study of the New Testament, centering around the Gospels, which is intended to assist the student in understanding the historical background and special characteristics of the Gospels. The life of Jesus, the Sermon on the Mount, and the Parables are stressed through the use of commentaries and other related materials. Two semester hours.
- (30).—The Acts and Paul's Epistles. A study of the New Testament, centering around the writings and life of Paul, which attempts to relate the New Testament to the life of the early Church and to show its perennial religious and ethical values. Two semester hours.
- 31.—Ethics. A study of the beginnings and growth of morality, the theories of moral life, and the application of these theories in the world of action. Discussion of specific problems arising in everyday life of the individual and group in a democracy. Three semester hours.
- (32).—Logic. A study of the principles and conditions of correct thinking. A careful examination is made of the nature of proof and the detection of fallacies. The laws of correct reasoning, deductive and inductive, are applied to thinking in everyday life. In the latter part of the course the methods of scientific investigation receive special attention. Three semester hours.
- 33, (34).—Philosophy and Life of the Oriental. The Oriental outlook on life contrasted with the Occidental. A study is made of the various Oriental philosophies and cultures as well as of Oriental ways of living. Special consideration is given to China, Japan, Malaysia, and India. The first semester deals with the period before the Western impact; the second semester with the period since the Western impact. Two or four semester hours.
- 41.—Ancient and Mediaeval Philosophy. The successful philosophical systems from the Greeks down to the fall of Constantinople. Emphasis is placed on

direct acquaintance with the writings of the various authors and on their permanent contributions to Western culture. Prerequisite: Philosophy 11 or (12). Three semester hours.

- (42).—Modern Philosophy. A study of the development of philosophy from 1453 to the present time. Special emphasis is placed on the works of Descartes, Spinoza, Leibnitz, Locke, Berkeley, Hume, and Kant. There is also a brief survey of present-day schools of thought in the United States. Prerequisite: Philosophy 11 or (12). Three semester hours.
- 55, (56).—Seminar. Open to advanced students, especially those majoring in Philosophy. One or two semester hours.

Major: 24 semester hours, including Philosophy 11 or (12), 31, (32), 41, and (42).

Minor: 15 semester hours, including Philosophy 11 or (12), 41, and (42).

#### PHYSICAL EDUCATION

#### Men and Women

Associate Professor Kennedy, Assistant Professor MacAndrews, Mrs. Smith, Mr. Steckbeck, Mr. Kirk, Mr. Coren, and Mrs. Hinkel

Physical education is required of all men and women. This work is scheduled in the freshman and sophomore years, two hours per week, and earns one credit for each of four semesters. Four credits are required for graduation.

The work is under the supervision of the Director of Athletics. The work is composed of instruction and practice in team and individual sports. The sports are of a nature that will have a definite carry-over value. Golf, tennis, badminton, handball, archery, etc., comprise the individual group. Touch football, speedball, basketball, softball, baseball, etc., comprise the team group. A student has one period of individual and one period of team activities per week.

Those students recommended by their physician not to take part in active physical education classes are assigned to the "Sports Appreciation" classes where the techniques, rules, history, etc., of the activities are taught.

#### PHYSICS

## PROFESSOR PARLIN, ASSISTANT PROFESSOR SMITH

- 11-(12).—Elements of Physics. An introduction to the study of the Physical Sciences, including Mechanics, Heat, Sound, Light, and Electricity. Lecture-Demonstration and Recitation, six hours, and Laboratory, four hours. Eight semester hours.
- 21.—Meteorology. A study of the principles under which the various changes in the atmosphere exist and operate. Lecture and Recitation. Two semester hours.
- 23-(24) L.—Mechanical Drawing. Theory and practice of Mechanical Drawing leading to business, engineering, and machine design. Eight hours counting as four semester hours.
- 25.—Practical Mechanics. A study of balanced and unbalanced forces, and their effect on matter. Prerequisite: Physics 11-(12). Lecture-Demonstration and Recitation. Two semester hours.

- (26).—Strength of Materials. A study of stress and strain of members in rivets, plates, etc. Modulus of rigidity. Prerequisite: Physics 25. Lecture-Demonstration and recitation. Two semester hours.
- 31-(32).—ELECTRICITY. A study of Direct and Alternating Current, including High Frequency A. C. and Radio. Lecture-Demonstration and Recitation. Six semester hours.
- (34).—Electronics. Electron emission, electron control, thermionic vacuum tubes, photo-sensitive tubes, radio, television. Prerequisite: Physics 11-12. One hour lecture; two hours laboratory. Two semester hours.
- 43-(44).—Geometrical and Physical Optics. A study of the fundamental principles underlying optical phenomena, including various optical systems and their application to optical instruments. A knowledge of Calculus is required. Lecture-Demonstration and recitation. Six semester hours.
- 51.—Theoretical Physics. The statics and dynamics of a rigid body, including vibratory motion. A knowledge of Calculus is required. Lecture and recitation. Three semester hours.
- (54).—Special Problems in Theoretical Physics. Prerequisite: Physics 51. One semester hour.

Major: 30 semester hours, including Physics 11-(12), 31-(32), 43-(44), and 51.

Minor: 14 semester hours, including Physics 11-(12).

#### POLITICAL SCIENCE

# Professor Tayler, Associate Professor Ricker, Assistant Professors Niehoff, Flower, and Jarvis

- 31.—AMERICAN FEDERAL GOVERNMENT. The constitutional basis; development of actual organization and operation; shifting relationships between federal and state governments; trends in services and functions. Given each semester. Basic course for Political Science Majors. Three semester hours.
- (32).—State Government. The constitutional position of the states; forms, functions and services of state government; state constitutions; popular participation and control; reforms; basic course for Political Science Majors. Given each semester. Prerequisite: Political Science 31. Three semester hours.
- 33.—MUNICIPAL GOVERNMENT AND ADMINISTRATION. The organization and functions of municipal government; recent remedial movements. Taxation; property assessment; police and fire administration; planning and zoning; fiscal procedures; local ownership of utilities. Prerequisite: Political Science 31 and 32. Three semester hours.
- 35.—Public Administration. Growth of public administration; major problems and trends; types of administrative functions and organizations; foundations of administrative law; forms of administrative action; the problem of responsibility. Emphasis on fiscal and personnel administration. Three semester hours.
- (36).—Comparative Government. A survey and comparative analysis of the constitutional development, organization and structure of government of the major European countries. Prerequisite: Political Science 31. Three semester hours.

- 37.—INTERNATIONAL RELATIONS. An examination of the basic factors affecting relations between states such as economic, geographic and demographic; the evolution of international relations and the place of power politics in the modern world. Three semester hours.
- (42).—The Constitution. Origin and development; judicial review; civil liberties; interstate commerce clause; due process of law; taxation. Analysis of leading Supreme Court interpretations of the Constitution. Prerequisite: Political Science 31. Three semester hours.
- (44).—INTERNATIONAL ORGANIZATION. A treatment of the organizations through which states have dealt with their common problems in the past; the League of Nations, World Court, International Labor Organization; with emphasis on the organization of the post war world; the United Nations and specialized agencies. Three semester hours.
- 51.—LATIN AMERICAN GOVERNMENTS. A study of the constitution and governments of Latin America with special emphasis on Argentina, Brazil, and Chile. Three semester hours.
- (52).—Inter-American Relations. An analysis of nineteenth and twentieth century Pan-American relations with special emphasis on Inter-American cooperation during World War II. *Three semester hours*.
- 53.—EVOLUTION OF POLITICAL THOUGHT. Development and analysis of significant political ideas from the Greek City-State to the nineteenth century. Contributions to modern ideas and trends in government. *Three semester hours*.
- (54).—RECENT POLITICAL THOUGHT. Examination of significant political thought concerning the origin, nature, and functions of the State from the midnineteenth century to the present. Socialism, Fascism, and Democracy. Emphasis on the conflict between Democracy and Authoritarianism. Three semester hours.
- 57.—POLITICAL PARTIES. Party system in the United States; strengths and weaknesses; functions and techniques of political parties; the electorate; government and political parties; political parties and pressure groups. Three semester hours.
- 59 or (60).—American Foreign Policy. An analysis of the machinery through which foreign policy is formed and executed, including a topical study of courses of action open to the United States; non-entanglement; the Good Neighbor policy; the Monroe Doctrine; emphasis on the policy of the United States as a member of the United Nations. Prerequisite: Political Science 31. Three semester hours.
- 61 or (62).—Contemporary Problems. An analysis of current problems in relation to their national and international importance. The freedom of the individual is particularly considered in contrast to governmental controls.
- (64).—International Law. A study of the fundamental principles of law governing the conduct between states especially as interpreted and applied by the United States. *Three semester hours*.
- (66).—Russia and the Soviet Union in World Politics. Motivating factors underlying the foreign policy of the Soviet Union; comparison with Czarist Russia and other states. Major emphasis upon the role of the Soviet Union in contemporary world politics. Prerequisite: Political Science 36 or permission of the instructor. Three semester hours.
- \*67, (68).—Seminar. A reading and conference course for advanced students. With permission of the Chairman of the Department. Two semester hours.

Major: 24 semester hours.

Required:

Pol. Sci. 31 and 32; 53 or (54); and one course from each of the following groups:

Group 1: Pol. Sci. 33, 35, (42), 57.

Group 2: Pol. Sci. (36), 51, 59, (60), 61, (62), (66). Group 3: Pol. Sci. 37, (44), (52), (64).

Remaining six hours optional.

Minor: 18 semester hours, including Pol. Sci. 31 and (32).

#### PSYCHOLOGY

See Education and Psychology

# RUSSIAN STUDIES PANEL

The Russian Studies Panel has recently been incorporated in the College Curriculum. A Major and Minor are offered in this field.

Requirements for

a Major:

Russian 11-(12) Russian 35-(36)

History 73, (74)

And Two of the Following Courses:

> Economics (76) Political Science (66) Sociology 65

Requirement for a Minor:

Russian 11-(12)

And

Nine Semester Hours Chosen from the Following Courses:

> Russian 35-(36) History 73, (74) Economics (76) Political Science (66) Sociology 65

For the descriptions and prerequisites of these courses, see catalogue under Economics, History, Political Science, Sociology and Modern Languages AND LITERATURES.

#### SOCIAL SCIENCE

# PROFESSOR KEPNER, ASSISTANT PROFESSOR NIEHOFF, MR. NESTOR

11 or (12).—Introduction to the Study of Society. An analysis of the political, economic, and social aspects of the American community. Fundamental definitions, concepts, and principles are discussed in relation to current problems. This is the general basic course for the three fields of Social Science (Sociology, Economics, and Political Science). Three semester hours.

#### SOCIOLOGY

# PROFESSOR KEPNER, MR. CROCETTI

- 31-(32).—Principles of Sociology. The course begins with a study of the primary concepts of sociology, with emphasis upon patterns of culture and the structure of society. Subsequent investigation of population trends and human ecology; the structure and function of basic institutions; forms of social interaction; and the conditions and modes of social change. Six semester hours.
- (34).—CULTURAL ANTHROPOLOGY. A study of the culture of primitive societies, designed to familiarize the students with the wide range of man's cultural patterns. It examines ethnological materials and methods, and seeks to formulate a theory of culture. In alternate years; to be given 1949-50. Three semester hours.
- (36).—Introduction to Social Work. An introductory survey to acquaint the student with the various types of private and public social agencies in the United States. Outstanding historical developments; fundamental principles and approved methods; and differentiation between the processes of case work, group work and community organization. Field trips are taken to social agencies. In alternate years; to be given 1949-50. Three semester hours.
- 37.—The Peoples and Cultures of Latin America. This course seeks to help the student understand and appreciate the peoples of Latin America and their cultures. It compares Latin American nations in respect to racial composition and social heritage, describes typical communities and institutions, analyzes social problems, and examines personal and cultural factors which influence political, economic and social relationships. In alternate years; to be given 1950-51. Three semester hours.
- 38.—Mexico, A Study in Social Change. Comparison of the Mayan and Aztec cultures with the superimposed Spanish culture; conditions of the Indians leading to prolonged social conflict; the influx of foreign capital; fluctuations of the Mexican Revolution since 1911; and contemporary social trends. In alternate years; to be given 1949-50. Two semester hours.
- 39.—Social Structure of The Labor Union. This course is designed to acquaint students with the increasing institutionalization of craft and industrial unions in structure and function. It examines the distribution of power within a union, the extent of membership participation, and the sociological implications of large scale labor organization in the United States. In alternate years; to be given 1950-1951. Three semester hours.
- (46).—Social Security. The hazards of poverty, dependency, sickness, unemployment and old age. Changes in public policy from poor relief to public assistance and social insurance. Provisions of federal and state laws, compared with practices of foreign nations. Analysis of bills introduced into the current sessions of Congress and state legislatures. In alternate years; to be given 1950-51. Three semester hours.
- 47.—CRIMINOLOGY. The nature, causation and treatment of delinquency and crime. Examination of case histories and statistical studies. Consideration of proposals for the prevention of crime and the improvement of penal procedures. In alternate years; to be given 1950-51. Three semester hours.
- 51.—COMPARATIVE SOCIOLOGICAL THEORY. A systematic examination of outstanding theories of social structure and social change. Primary emphasis is given to the similarities and differences in basic assumptions and conclusions of the leading writers since Spencer. The course is recommended for all students contemplating advanced work in sociology. Extensive reading is required. Prerequisite: Sociology 31-(32). In alternate years; to be given 1950-51. Three semester hours.

- 53. Rural Sociology. The basic role of the country in social evolution. Contemporary trends in physical and economic conditions, population, attitudes and values, family life, and political, educational and religious institutions. Urban dominance and rural-urban contrasts. Current problems and future prospects. In alternate years; to be given 1949-50. Three semester hours.
- (54).—Urban Sociology. Physical and psychic aspects of city life; ecological patterns and processes; political, economic, familial, educational and religious institutions; problems of poverty, disease, crime and group conflicts, and agencies dealing with them. Trends in housing and city planning. Prerequisite: Sociology 31-(32), or with permission of the Chairman of the Department. In alternate years; to be given 1949-50. Three semester hours.
- 56.—Public Opinion. A survey of Public Opinion polling as a method of social research, a technique for influencing social attitudes, and a potential problem for democracy. The course deals chiefly with the selection of representative samples, the techniques of interviewing, the compilation of data, and the interpretation and reliability of the results. In alternate years; to be given 1950-51. Three semester hours.
- 57.—RACIAL AND CULTURAL MINORITIES. The extent and historical antecedents of minority groups in the United States; racial distinctions and cultural conditioning; the causation and effects of prejudice; and special problems of the Negro and other minority groups. In alternate years; to be given 1949-50. Three semester hours.
- (62).—Experimental Sociology. A systematic examination of recent experimental studies in Sociology, emphasizing the special problems inherent in the nature of the subject matter. Techniques for measuring, modifying and controlling group attitudes are studied. Stress is given to the ethical problems involved in group manipulation. Prerequisite: Sociology 31-(32). Three semester hours.
- 63-(64).—The Family. The universality of the family. Variations in forms and functions; courtship and preparation for marriage; recent changes in the American family. Factors associated with marital adjustment, contrasted with forces inducing family disorganization. Parent-child relations and personality development. Prerequisite: Sociology 31-(32), or permission of the Chairman of the Department. Six semester hours.
- 65.—The Peoples and Cultures of the Soviet Union. European and Asiatic peoples of the U.S.S.R., and their social heritages. Cultural change since the October Revolution. Personality traits, social attitudes and the ethos of Soviet Russia. In alternate years; to be given 1949-50. Three semester hours.
- \*95, (96).—Seminar. A reading, conference, and research course for advanced and honor students. Two or four semester hours.

Major: 30 semester hours, including Sociology 31-(32), 56 or 62, 63-(64), and 67. Six of the 30 hours may be chosen from the following courses in allied departments: Economics 31-(32), or 77; History (82); Mathematics (44); Political Science 31, or 37; and Psychology 41, or (42).

Minor: 18 semester hours, including Sociology 31-(32), and either 56, 62, 63-(64), or 67.

#### SPANISH

See Modern Languages and Literature

# ENDOWED CHAIRS

The college has a number of endowed professorships. The holders of these chairs are named by the Board of Trustees and the chairs which they hold are indicated in the faculty list. The endowed chairs are as follows:

THE LEMUEL T. APPOLD FOUNDATION, endowing the chair of the President of the College, was established by the Board of Trustees from a part of the bequest of Lemuel T. Appold of Baltimore, Maryland, of the Class of 1882 and a generous benefactor of the college.

THE ROBERT COLEMAN PROFESSORSHIP in History. The bequest of Robert Coleman, Esq., of Lancaster, Pennsylvania, was designated by the Board of Trustees in 1828 for the endowment of a professorship, making this one of the oldest American professorships. The professorship was reactivated in 1948.

The Thomas Beaver Professorship in English Literature was endowed by Thomas Beaver, Esq., of Danville, Pennsylvania in 1872.

THE SUSAN POWERS HOFFMAN PROFESSORSHIP of Mathematics was endowed and named in memory of Susan Powers Hoffman of Carlisle.

THE ASBURY J. CLARKE PROFESSORSHIP of Latin was established in 1919 by the gift of the widow of Asbury J. Clarke, of the Class of 1863.

The Richard V. C. Watkins Chair of Psychology was endowed in 1931 by the bequest of Richard V. C. Watkins, of the Class of 1912.

THE MARTHA PORTER SELLERS PROFESSORSHIP of Rhetoric and the English Language is an endowed professorship established by a gift of her son, the late Professor Montgomery Porter Sellers, Class of 1893.

A number of other chairs and professorships are partially endowed.



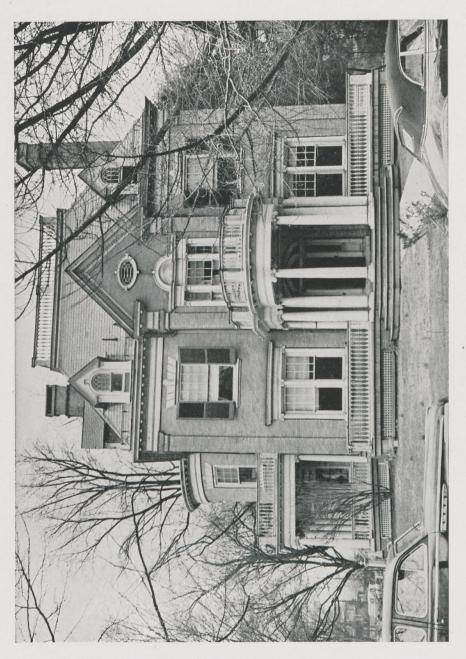
THE OLD STONE STEPS
WEST COLLEGE

MEMORIAL HALL IN OLD WEST



CONWAY HALL

METZGER HALL





THE COLLEGE HEALTH CENTER

THE COLLEGE CHAPEL



THE SHARP READING ROOM



IN THE CHEMISTRY LABORATORY



IN THE PHYSICS LABORATORY



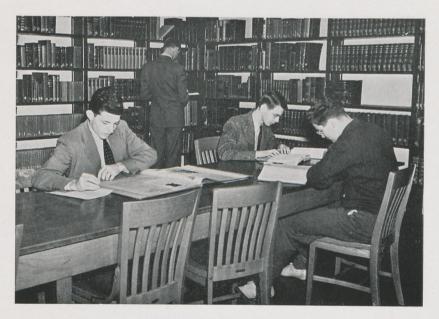
IN THE BIOLOGY LABORATORY



IN THE LIBRARY



THE DICKINSONIANA ROOM



A CORNER IN THE LIBRARY

# HONOR SCHOLARSHIPS AND PRIZES

#### FOR GENERAL EXCELLENCE IN SCHOLARSHIP

THE JAMES FOWLER RUSLING PRIZE of \$50, the income from the \$1,000 gift of General James Fowler Rusling, LL.D., Class of '54, is awarded to that student of the Senior Class who, at the end of a four-years' course, shall be found to excel in scholarship and character.

Awarded, 1948, to H. Gilman Wing, Carlisle, and Marvin E. Wolfgang, Harrisburg.

The William K. Dare Honor Scholarship, in memory of William K. Dare, Class of '83, Professor of Education and Psychology, 1893-99, is awarded annually to that male student of the Freshman, Sophomore, or Junior Class who has attained the highest scholastic average in the work of the previous year. For this purpose, the late Lemuel T. Appold, Esq., Class of '82, the lifelong friend of Professor Dare, gave the College a capital fund of \$5,000. The scholarship, consisting of \$250, is awarded at commencement time and is credited to the recipient on the tuition of the following year:

Awarded, 1948, to Stephen J. Szekeley, Titusville, Fla., and Norman C. Walpole, Tenafly, N. J.

THE McDaniel Prizes.—\$5,000 was given by the late Delaplaine McDaniel, of Philadelphia, as a scholarship fund providing three prizes offered annually to members of the Freshman and Sophomore Classes for excellence in scholarship.

SOPHOMORE PRIZE, \$100, awarded, 1948, to Bruce R. Rehr, Reading.

Freshman Prizes, \$100 each, awarded, 1948, to Patricia C. Beetlestone, Baltimore, Md., and Lois A. Price, Hollidaysburg.

The Wellington A. Parlin Science Scholarship Award of \$100, more or less, the income from a fund being given to the College by Dr. Wellington A. Parlin, Professor of Physics and head of the Department, awarded annually to that Junior, majoring in Biology, Chemistry or Physics, who has, during the three years at Dickinson College, attained the highest general scholastic average and is applied to his college account for his senior year. If in any year the student to whom the award is made does not return as a student for the following year, the amount granted him shall then be used by the College for general College purposes.

Awarded, 1948, to Baird S. Ritter, Carlisle.

THE JOHN PATTON MEMORIAL PRIZES, four in number, of \$25 each, one for each of the college classes, established by the \$2,000 gift of the late Hon. A. E. Patton of Curwensville, as a memorial to his father, Gen. John Patton, for many years a trustee of the College, are awarded annually for high scholastic standing.

Awards for 1948:

Senior Class. Cyril R. Bradwell, Christchurch, New Zealand.

Junior Class. Qunn S. Chin, New York City, N. Y. Sophomore Class. Robert Johannes, Audubon, N. J.

Freshman Class. Barbara A. Morton, Lemoyne.

#### FOR EXCELLENCE IN SPECIAL FIELDS

THE RUTH SELLERS MAXWELL SCHOLARSHIPS in English Literature, established in 1945 by the \$5,000 gift of Robert H. Maxwell, of the Class of 1915, in memory of his wife, Ruth Sellers Maxwell, of the Class of 1915, who for many years was a teacher of English literature, to be awarded annually for excellence in scholarship, for the highest scholastic standing in any course in English literature:

SENIOR PRIZE, \$100, awarded, 1948, to Robert A. McGill, Drexel Hill.

JUNIOR PRIZE, \$100, awarded, 1948, to Jeanne A. McIntyre, Harrisburg.

SOPHOMORE PRIZE, \$50, awarded, 1948, to Theodore Rodman, Atlantic City, N. J.

(In 1949, the Ruth Sellers Maxwell Scholarship for the Junior will amount to \$75 and a Freshman award of \$25 will be instituted.)

THE CANNON PRIZE, income of a fund of \$500 voted by the Trustees in 1932 in honor of Henry P. Cannon, Class of '70, to continue the award given by him for many years "to that member of the Sophomore Class who shall pass the most satisfactory examination in the Mathematics of the Sophomore year, together with the original Geometry of the Freshman year."

Awarded, 1948, to Elizabeth E. Howard, Baltimore, Md.

THE MERVIN GRANT FILLER MEMORIAL PRIZE of \$50, the income from a \$1,000 bequest of Tolbert J. Scholl, of Mechanicsburg, Pa., in memory of Dr. Mervin G. Filler, President of the College 1928-31, to be awarded annually at Commencement to a student of the College for excellence in the study of the classical languages upon recommendation of the chairman of the department and with the approval of the faculty.

Awarded, 1948, to Edgar C. Hersh, Allentown.

THE CHI OMEGA FRATERNITY PRIZE of \$25, the gift of the Dickinson chapter, is an award made to that Junior or Senior woman who excels in Economics, Political Science, or Sociology.

Awarded, 1948, to Jane B. Jackson, Pittsburgh.

THE CLASS OF 1902 AWARD. A gold watch made possible by a gift of \$1979.05 from the Class of 1902, and awarded annually to that member of the Junior Class who, by the vote of his classmates, shall be adjudged the most all-round Dickinsonian.

Awarded, 1948, to Weston C. Overholt, Jr., Norwood.

THE CLEMENS PRIZE of \$25, a gift of Joseph Clemens, Class of 1894, Chaplain in the U. S. Army, is awarded annually to a student of the Junior Class for the best essay on foreign missions.

Awarded, 1948, to Edwin S. Gault, Jr., Upper Darby.

THE CHARLES MORTIMER GIFFIN PRIZE IN ENGLISH BIBLE of \$25, the income of a fund of \$500, is awarded annually to a student of the Senior Class of English Bible.

Awarded, 1948, to Robert A. McGill, Drexel Hill.

THE WILLIAM W. LANDIS PRIZE IN MATHEMATICS of \$50, the income from a fund of \$1,000 given by his cousin, George G. Landis, of the Class of 1920, in memory of Dr. William W. Landis, Professor of Mathematics from 1895 to 1942, to be awarded for excellence in the mathematics of the Freshman year.

Awarded, 1948, to Lois A. Price, Hollidaysburg.

The Gaylard H. Patterson Prize of \$25, the income of a fund of \$500, a memorial to Professor Gaylard H. Patterson, the founder of the Social Science Department in the College, to be awarded to that student in Sociology who presents the best sociological analysis of a public policy. The judges of the essay are to be members of the Department of Social Science.

Not awarded, 1948.

THE MORRIS W. PRINCE HISTORY PRIZE of \$25, the income of a fund of \$455, the gift of the Class of '99, for excellence in history.

Awarded, 1948, to H. Gilman Wing, Carlisle.

THE REES PRIZE of \$25, the gift of Rev. Milton S. Rees, D.D., Rochester, N. Y., is awarded to that student who shall excel in English Bible.

Awarded, 1948, to Norman D. Jaffe, Butler.

THE WALKLEY PRIZES of \$25 and \$15, the income of a fund amounting to \$993.16, endowed by D. R. Walkley, D.C.L., in memory of his son, Winfield Davidson Walkley, are awarded as first and second prizes, respectively, to those members of the Freshman Class who shall excel in declamation, either forensic or dramatic.

Awarded, 1948, (\$25) to Robert E. Berry, Lansdowne.

Angeline Blake Womer Memorial Prize of \$75, to be awarded each year to that student of the Freshman Class who attains the highest grade in rhetoric and composition.

Awarded, 1948, to Joan B. Price, Merion.

# BENEFICIARY SCHOLARSHIPS AND LOAN FUNDS

A number of funds and scholarships have been established in various ways by friends of education in general and of the College in particular, and are awarded by the donors or by the President to such students as may be in need of financial help.

In order to provide immediate financial aid for students who after graduation will be able to meet such obligations, the Board of Trustees sets aside annually a limited amount of funds to be used as scholarship-loans, a part of which is to be repaid by the student after graduation. This fund is intended only for those students who have an unusual financial problem.

Rules governing scholarship and loan awards may be secured upon application. All forms of financial help are awarded for one year only, but, conditioned on good scholarship and continued moral worthiness, may extend through the four years at

College.

Applications for aid will not be considered until students have filed their applications for admission to the College. Facts provided on these papers are essential in evaluating the eligibility of the applicant for financial aid. The amount available for individual grants each year varies in proportion to the number of applications and the sum to be used for this purpose. The awards are not renewed except upon application and by specific action. Financial aid is not continued to students on probation, and may be withdrawn at any time at the discretion of the President.

# Foreign Scholarships

Dickinson College offers a limited number of scholarships covering tuition, room and books to students from foreign countries. Applications for scholarships may be made directly to the College or through The Institute of International Education, 2 West 45th Street, New York, N. Y.

#### Endowed

The Baldwin Memorial Church Scholarship Fund of \$1,000, established in 1917.

THE M. GRACE BECHTEL MEMORIAL.—The interest on a \$1,000 endowment to be paid annually to that student of the College who is preparing for entrance into the Christian ministry of the Central Pennsylvania Conference of the Methodist Church.

THE BODINE SCHOLARSHIP of \$50, established in 1907 by the \$1,000 gift of George I. Bodine, Jr., Esq.

THE ARTHUR MILBY SCHOLARSHIP of \$50, established in 1911 by the \$1,000 gift of Miss Mary R. Burton, for the education of worthy young men for the ministry.

THE GEORGE L. Brown Fund, established under the will of the late George L. Brown, M.D., of Lucknow, Pa., amounting to \$22,500, provides that the income be applied to the tuition in order of preference, first, of male students from Middle Paxton Township, Dauphin County, Pa.; secondly, of male students from Susquehanna Township, Dauphin County, Pa., and lastly, of other worthy and eligible boys.

CENTRAL PENNSYLVANIA METHODIST CONFERENCE SCHOLARSHIP FUND, the income to be used as scholarships for members of churches of the Central Pennsylvania Methodist Conference.

THE CLASS OF 1909 SCHOLARSHIP FUND, the interest on an accumulating fund which was presented to the College on the thirty-fifth reunion of the class, and, on June 30, 1946, amounted to \$1223.11, available in the form of scholarship-loan aid to students by appointment of the President of the College, preference to be given to any descendant of a member of the Class of 1909.

THE CLASS OF 1914 SCHOLARSHIP, the interest on an accumulating fund which was presented to the College on the 25th reunion of the class, and on July 31, 1946, amounted to \$1,545.26, available in the form of scholarship aid to students, by appointment of the President of the College under the terms of the Student-Loan Fund of the College.

THE CLASS OF 1915 SCHOLARSHIP, the interest on a fund presented to the College on the thirtieth reunion of the class on June 3, 1946, amounting to \$2600, available in the form of scholarship aid to students by appointment of the President of the College, preference to be given to any descendant of a member of the Class of 1915.

THE CLASS OF 1917 SCHOLARSHIP, the interest on a fund presented to the College on the thirtieth reunion of the Class on June 7, 1947, amounting to \$1,497.40, to be awarded annually by the President of the College, preference to be given to any descendant of the Class of 1917.

THE CLASS OF 1918 SCHOLARSHIP, the interest on a fund presented to the College on the thirtieth reunion of the Class on June 5, 1948, amounting to \$1,000 to be awarded annually by the President of the College, preference to be given to any descendant of the Class of 1918, and when unassigned, to be used for the operating costs of the College.

THE CLASS OF 1921 SCHOLARSHIP, the interest on a fund presented to the College on the twenty-fifth reunion of the class on June 8, 1946, amounting to \$1,500, to be awarded by the President of the College, preference to be given to any descendant of the Class of 1921.

THE CLASS OF 1922 MEMORIAL FUND, the interest on a fund presented to the College on the twenty-fifth reunion of the Class on June 7, 1947, amounting to \$1183, the income to be used for such college purposes as the President of the College shall consider to be the greatest need with preference first to the library and then to scholarship grants.

THE CLASS OF 1928 SCHOLARSHIP, the interest on a fund presented to the College on the twentieth reunion of the class on June 5, 1948, amounting to \$1,000, to be awarded annually by the President of the College, preference to be given to any needy descendant of the Class of 1928, and when unassigned to be used for such college purposes as the President of the College shall consider to be the greatest need.

THE BEAVER MEMORIAL METHODIST CHURCH, Lewisburg, Pa., scholarship of \$50, established in 1942.

THE JOSEPH AND MARY STRONG CLEMENS SCHOLARSHIP FUND of \$5,000 was established in 1934 by Joseph Clemens, Class of 1894, the income therefrom to be used as scholarship or scholarship-loan aid for the benefit of students of the College who are students for the ministry of the Methodist Church to be selected by the President of the College as needy and worthy.

CARRIE A. W. COBB SCHOLARSHIP FUND of \$5,000, in memory of the Reverend Charles H. Rorer, D.D., because of his abiding interest in the College, his Alma Mater, the income of which is to be awarded by the College to aid students preparing for the ministry.

THE NATHAN DODSON CORTRIGHT MEMORIAL SCHOLARSHIP FUND of \$5,000, established by Mrs. Emma L. Keen, of Philadelphia, as a memorial to her father, Nathan Dodson Cortright, is used to aid young men preparing for the ministry.

THE SMITH ELY SCHOLARSHIP, endowed in 1910 by the Hon. Smith Ely, of New York City, in the sum of \$1,100, students from New York City and vicinity having prior claim.

THE FAYETTE STREET METHODIST CHURCH OF BALTIMORE, MARYLAND, SCHOLARSHIP FUND of \$1,000, the income from which is awarded annually, preference being given to the recommendation of the trustees of the Fayette Street Methodist Church.

THE ROBERT M. FERGUSON, JR., MEMORIAL SCHOLARSHIP FUND of \$2,000, the gift of Grace C. Vale, '00.

THE FREEMAN SCHOLARSHIP of \$50, established by the \$1,000 gift of Frank A. Freeman, Esq., of Philadelphia.

THE WILLIAM ALBERT HUTCHESON SCHOLARSHIPS, the income from a fund of \$2,500 presented to the College by the Conway Hall Alumni Association on June 7, 1947 in memory of Dr. William A. Hutchison, headmaster of Conway Hall Preparatory School, to be awarded by the President of the College, preference to be given to descendants of former students of Conway Hall.

THE MELVILLE GAMBRILL MEMORIAL FUND of \$50,000, the gift of Melville Gambrill, of Wilmington, Delaware, a former trustee of the College, the income from which is used to provide education for young men preparing for the ministry.

THE JOHN GILLESPIE MEMORIAL SCHOLARSHIP interest on \$1,000, the gift of Miss Kate S. Gillespie, daughter of John Gillespie, Esq., late of Philadelphia, in 1911, as a memorial to her father.

THE JOHN H. HACKENBERG SCHOLARSHIP was endowed in 1940 by the gift of \$2,000 of the Rev. John H. Hackenberg, D.D., and his wife, the interest to go annually to help some worthy young man preparing for the Methodist ministry.

THE HAVERSTICK AND SNAVELY SCHOLARSHIP, income from an annuity fund of \$1,000, designated for endowment of a scholarship in 1910.

The J. Fred Heisse Scholarship Fund of \$2,500 was established in 1925 by his brother, E. W. Heisse, of Baltimore. The proceeds of the fund are awarded from year to year to such student or students as may be named by the donor, or on his failure to nominate, by the President of the College.

THE HORN SCHOLARSHIP.—The income from \$1,000, contributed in 1917 by J. Edward Horn, of Phillipsburg, Pa., to be awarded to some worthy student of the College preparing for useful service.

THE BRUCE HUGHES SCHOLARSHIP. Established in 1917. The income from \$950.

THE ALBANUS CHARLES LOGAN MEMORIAL SCHOLARSHIP FUND of \$5,000, the gift of Maria Dickinson Logan, of Philadelphia, the income to be used as a scholarship at the College for some worthy young man, preference being given to a graduate of the Germantown High School.

THE HENRY LOGAN SCHOLARSHIP FUND of \$1500, the gift of Henry Logan, of the Class of 1910, of Brooklyn, N. Y., the income therefrom to be awarded annually by the President of the College to a needy and worthy student upon the recommendation of the donor during his lifetime.

THE RICHARD H. MCANDREWS SCHOLARSHIP, the income from a fund of \$1,096, presented to the College on June 7, 1947 by the Wearers of the "D" to create a memorial to Assistant Professor R. H. McAndrews of the Department of Physical Education, to be awarded annually by the President of the College.

C. H. Masland & Sons Scholarships, established in 1945 by the \$20,000 gift of C. H. Masland & Sons, manufacturers of Carlisle, Pa., awarded annually with preference given to children of employees of C. H. Masland & Sons, then to residents of Carlisle or adjacent territory, and lastly to any other needy and worthy student.

THE THEODORE F. MULLER SCHOLARSHIP of \$50, the income from the \$1,000 gift of Theodore F. Miller, Esq., of Philadelphia, in 1928.

THOMAS MONTGOMERY SCHOLARSHIP FUND of \$6,030, the gift of Colonel Robert H. Montgomery, LL.D., in memory of his father, Thomas Montgomery, a member of the Class of 1851.

THE EMILY MAY PHELPS ATWOOD LOAN FUND of \$2,051.50, established in 1942 by her parents, Mr. and Mrs. Andrew H. Phelps, to aid worthy students.

The Marlin E. Olmsted (Mrs. Vance C. McCormick) in memory of her late husband, Marlin E. Olmsted, an honorary alumnus of the College. The scholarships, the proceeds of a capital fund of \$5,000 shall be given each year in the discretion of the President of the College—unless the donor shall desire to name one or more beneficiaries in any year, and shall so advise the College before August 1—to such students of good mind, good character, and studious habits as seem to need them for the successful continuance of their course in College.

THE VALERIA SCHALL SCHOLARSHIP of \$75, proceeds of a \$1,500 fund, is used in assisting such young men as, in the estimation of the President and Faculty of the College, are of good character scholarly habits, and deserving of assistance, and who are approved candidates for the Methodist ministry.

THE CHARLES T. SCHOEN SCHOLARSHIPS, ten in number, of \$50 each, established by the \$10,000 gift of the late Charles T. Schoen, of Philadelphia, are awarded annually to such young men and women as the President may designate.

The Arnold Bishop and Mary Agnes Shaw Scholarship, the annual income from \$1,250, the contribution of their children, Miss Clara W. Shaw, Mrs. Bertha Shaw Nevling, Mrs. Jeanne Shaw Bailey, Calvin Bishop Shaw, Charles M. Shaw. The donors may designate annually some worthy young person in the College in need of financial help.

James Ross Snowden Scholarship Fund, created in the will of Mary T. Snowden Stansfield, of Philadelphia, Pa., by the bequest of \$10,000, for the endowment of a scholarship of law in memory of her father, the son of the Rev. Nathaniel Randolph Snowden, a trustee of the College from 1794 to 1827.

THE WILLIAM M. STAUFFER SCHOLARSHIP FOUNDATION.—The bequest of \$950 of W. M. Stauffer, of Reading, Pa., in 1917, "to be invested as a special scholarship endowment, the income to be used for the benefit of some deserving student."

The Captain John Zug Steese Scholarship, the interest on a \$1,000 endowment, the gift of his mother, Mrs. Anna Zug Schaeffer Steese, of Mt. Holly Springs, Pa., who has sent four sons to Dickinson, all of whom later served their country with distinction as commissioned officers of the army during the World War; to be awarded annually by the President of the College to some young man who has completed his Sophomore year in the upper third of his class, excelling especially in mathematics; who has engaged successfully in athletics, music, dramatics, or other extra-curricular activities and to whom financial aid would be a real assistance in helping him to continue his college course. The recipient shall write a brief note of acknowledgment to the donor or to her estate outlining his previous education and experience.

THE ALBERT AND NAOMI WATSON SCHOLARSHIP FUND of \$2,000, the gift of Mr. and Mrs. Albert Watson, of Carlisle, Pa., the income therefrom to be awarded

annually by the President of the College to a needy and worthy student, preference to be given to a resident of Carlisle.

THE ROBERT BLAINE WEAVER FUND, established in 1932 from legacies under the will of Robert Blaine Weaver, Class of 1874, and the will of his sister, Laura D. Weaver, amounting to approximately \$35,000, as a permanent fund to be known as the Robert Blaine Weaver Fund, "the income thereof to be applied exclusively for the tuition and support of poor and deserving young men who are students attending said college."

The M. William Wedell Scholarship Fund of \$15,000, established in 1948 through a gift of Meta Hofer, of Brooklyn, N. Y., in memory of her brother, M. William Wedell. The income therefrom is assigned annually in the form of a scholarship or several scholarships by the President of the College and when unassigned is used for the operating needs of the College.

M. Helen Lehman Whitmover Memorial Fund of \$1,000, the gift of Raymond B. Whitmoyer of the Class of 1913 in memory of his deceased wife, M. Helen Lehman Whitmover of the Class of 1911.

THE ELLA STICKNEY WILLEY SCHOLARSHIP of \$50, established by the \$1,000 gift of Mrs. Ella Stickney Willey, of Pittsburgh, Pa., is awarded annually to such students as may be designated by the donor or by the President.

THE REV. WILLIAM WOOD SCHOLARSHIP of \$100, the income from the \$2,000 gift of Miss Sarah Wood, of Trenton, N. J., is awarded annually to such student as may be designated by the donor or by the President.

JOHN L. Yard Scholarship Fund received in 1945 by a bequest totalling \$4,172.94 to establish three memorial scholarships in memory of testator's wife, Emmeline Matilda Van Rensselaer Yard, to be given each year at the discretion of the President of the College to students of good mind, good character and studious habits, preference to be given to students desiring to enter the ministry who seem to need financial aid for the successful continuance of their courses in college.

THE CHARLES K. ZUG MEMORIAL FUND.—A fund of \$5,000 given in January, 1930, by the late Lemuel Towers Appold, Esq., Class of 1882, of Baltimore, in memory of his intimate friend, Charles K. Zug, of Philadelphia, Class of '80, Phi Beta Kappa, a member of the Alumni Council, and for many years a faithful friend and trustee of the College. The income from this fund to be used at the discretion of the President in granting scholarship aid to worthy young men students.

#### Unendowed

THE TRUSTEE SCHOLARSHIPS, established by the Board of Trustees of Dickinson College, each totalling \$600, available at the rate of \$150 per year for each year the recipient is a student in good standing at the College, are awarded on the results of a competitive examination given on Guest Day or at some other suitable time.

The Dickinson Club of Washington Scholarship of \$150 is provided by current gifts of alumni and is awarded by officers of the club.

#### Loan Funds

THE MARY LOUISE HUNTINGTON FUND to be used at the discretion of the President to aid young men of limited means who are preparing for missionary, ministerial, or educational work.

THE CORNELIA C. THUMM FUND, \$950, the legacy of Mrs. Cornelia C. Thumm, of Philadelphia, 1896, the annual interest on which is to be used for the benefit of

some needy student or students of the College, the conditions of appointment and the selection of beneficiaries to rest with the President.

THE CLARA RIEGEL STINE FUND of \$3,824.03, the legacy of Clara Riegel Stine, of Mechanicsburg, Pa., held in trust by the Pennsylvania Company for Insurances on Lives and Granting Annuities of Philadelphia, to be used to assist in the education of needy and worthy students studying for the ministry of the Methodist Church, under a loan plan.

Maria Elizabeth Vale Students' Self-Help Fund.—The income from a fund of \$12,836.12, the gift of Ruby R. Vale, Esq., of the Class of '96, in memory of his daughter, now deceased; because of his affection for his Alma Mater, and of his desire to aid worthy students at the College needing temporary help. Administered by the President with permission to lend \$100 to \$200 per year to an individual, but not to exceed \$400 to anyone during the college course.

American Bankers Association Foundation for Education in Economics Loan Scholarship.—One loan scholarship of \$250 per year. Consult the Treasurer of the College.

BOARD OF EDUCATION OF THE METHODIST CHURCH STUDENT LOAN FUND.—Open to members of that Church of at least one year's standing, \$100 in the Freshman year, \$150 in the Sophomore year, \$200 in the Junior year, and \$250 in the Senior year. The total borrowings must not exceed \$600.

Central Pennsylvania Conference Loan Fund.—Consult the Treasurer of the College. The maximum per year for a student is \$125, and the total amount loaned to any one person is limited to \$500, during the college course. Five cash scholarships per year of \$100 each are also available from this fund.

Loan Fund of the Harrisburg Alumnae Club.—The sum of \$50 given in May, 1932, as the beginning of a revolving fund, to be applied to the aid of deserving students who are in need of assistance in meeting their college expenses.

THE PRESIDENT'S LOAN FUND.—A fund for temporary small loans in cases of emergency. The principal of the fund, contributed by the alumni, is used as directed by the President of the College.

Students of the College may be eligible for other loan funds which are not administered by the College. Information concerning such funds can be given by the College Treasurer.

### DEGREES CONFERRED BY THE COLLEGE

### SPECIAL CONVOCATION

April 6, 1948

HONORIS CAUSA

D.D.—Doctor of Divinity Raymond Dudley, New Zealand

## ONE HUNDRED SEVENTY-FIFTH ANNIVERSARY

April 25, 1948

HONORIS CAUSA

D.D.—DOCTOR OF DIVINITY
Everett F. Hallock

Sc.D.—Doctor of Science Elbert Moore Conover

Sc.D.—Doctor of Science Constantine P. Faller

Sc.D.—Doctor of Science Charles Clinton Bramble

D.Litt.—Doctor of Letters Frank Spencer Mead

S.T.D.—Doctor of Sacred Theology Charles Leslie Glenn

> LL.D.—Doctor of Laws William S. Carlson

> LL.D.—Doctor of Laws Watson B. Miller

LL.D.—Doctor of Laws Sir Archibald John Kerr Clark Kerr, Lord Inverchapel

#### SPECIAL CONVOCATION

October 7, 1948

HONORIS CAUSA

LL.D.—Doctor of Laws Otto F. Kraushaar

### COMMENCEMENT

June 6, 1948

I. HONORIS CAUSA

D.D.—Doctor of Divinity Charles Asbury Smith

D.D.—Doctor of Divinity Charles Franklin Berkheimer

Sc.D.—Doctor of Science Stanford Wallace Mulholland

Sc.D.—Doctor of Science C. Scott Althouse

L.H.D.—Doctor of Humane Letters
John James Bunting

L.H.D.—Doctor of Humane Letters Frank Croly Goodman

D.Litt.—Doctor of Letters
Edgar Erskine Hume

D.Litt.—Doctor of Letters Harry Emerson Fosdick

LL.D.—Doctor of Laws Neal Dow Becker

LL.D.—Doctor of Laws Fred M. Vinson

#### II. IN CURSU

#### A.B.—BACHELOR OF ARTS

Aldstadt, Richard Lloyd Ammerman, Joseph Scofield Armitstead, Austin Herrick Aungst, John Wayne, Jr. Avena, Salvatore John Bachman, Neal D. Barlock, Joseph Anthony Bennett, Alfred Nelson Bissey, Paul Dean Blumberg, Emanuel Rothschild Boltz, Margaret Virginia Borda, William F. Bradwell, Cyril Robertson Brogan, Wesley Gamble Bull, Robert Earl Caldwell, William Wilson Carpenter, Clyde Ellis, Jr. Casella, John Anthony Clapp, Joan Elizabeth Clinedinst, Clinton Richard Cohn, David Herc Cosslett, Edward Charles Crawford, Charles Russell Crum, John Thompson Cudding, William John Curtis, Bernice Winifred Dale, Barbara Jean Daly, Francis Xavier Delaney, Edward Francis Dickie, Anne Gwyn Dietrich, Nancy Cavarly Dodge, John Holt Doherty, James Henry Dresch, John Wilson Bookholt, John Henry Egan, Janet Machen Elkis, Morton Herbert Esbenshade, James Newton Foley, Frances Helen Fox, Ralph Eugene Francavilla, Geno Anthony

Geddes, Shirley Jean George, William Goldstein, Burton Gerald Gorrell, Robert Bryce Granite, Alvin Elkan Guy, Regina Vath Guy, William Thomas Harris, William Allen Hartheimer, Louis Alvin Heil, Eugene Gilbert Hersh, Edgar Clarence Herzig, Patricia David Hinkelman, Robert Miller Hober, Ruth Catherine Hoffman, Eugene Miller Hollenshead, David Smith Honicker, Edward Hopper, John DeWolf Hormell, Oliver N. Hsu, Mo Hsi Jaffe, Paul Lawrence Johns, Nancy Eleanor Johnson, Charles David Jones, Philip E. Jones, William D. Kern, Lester Alvin King, Audrey Ida Koffenerger, Arthur Wallace, Jr. Koon, Daniel Frank Larson, Rosemary Chisholm Lawley, Frank Philip, Jr. Lazear, Robert Peter Lebovitz, Samuel Lewis Lehr, Henry Ellsworth Levin, Norman Lewis Lindsay, George Griffith Lins, Lillian Elizabeth Long, George Richard Lynn, Palmer Gerald McCann, Russell Jay McClure, Robert Pattison, Jr.

McCusker, Barbara Dore McGhee, Susan Sayes Mader, Richard C. Marcus, Joseph Freeman Mathews, Dorothy Mathews, Robert Gordon Maxwell, Howard James Mensch, Winona Marjorie Mette, Howell Clemens Moore, Joseph Charles Neuber, Robert William Noonan, Francis Charles Norton, Elizabeth Andasia Owens, Edgar Leonard Parrish, George Dillwyn Pendleton, Arthur Allan Piper, Harriet McKee Pyle, Robert Noble Raizen, Edna Mae Reaser, Fay Arlene Rehor, Douglas Charles Reynolds, Mary Jeanne Rhoades, Dorothy Irene Rickenbach, Virginia Lois Robertson, James Fredrick Roe, John Alexander Roeding, Howard Ferd, Jr. Sacks, Herbert Simeon

Seward, Wilbur Harry Shearer, Donald K. Sheidy, Herbert Staudt Sieber, Edward, Jr. Slutzker, Robert Craine Soltow, James Harold Spencer, Warren H. Springer, John Weidman Staar, Richard Felix Starner, Maxine Betty Stopford, Ruth Strange, Jack Robert Swwezy, John Logan, Jr. Swope, John Howard Thomas, Edwin Charles, Jr. Voutilainen, Jouko Juhani Vowler, Robert Moyer Walker, William John Webb, William Crittenden, 3rd Welliver, Lester Allyn Whitaker, William Harrington Wing, Herbert Gilman Wolfgang, Marvin Eugene Wolford, Charles Wayne Wolford, Nancy Lou Bicking Young, Edmund Goodale Zagorsky, Eugene Dennis

## Sc.B.—BACHELOR OF SCIENCE

Alpern, Earle Stuart
Bashore, Nancy Felix
Becker, Charles Frederick, III
Bengston, William Leonard
Brame, Edward Grant, Jr.
Carpenter, Mary Katherine
Carucci, Carmine Alfred
Cherry, Louis Justin
Chin, Quun Suey
Christiansen, Kjell Hroar
deGroot, John Weert, Jr.
Dietrich, Ray Alvin
Diffenderfer, Harry Schroll, III
Donecker, John Jacob

English, Shirley Anne
Finnesey, Robert VanDusen
Fox, Donald Kermit
Friedberg, Samuel Joseph
Fry, Gladys Jeanette
Gingrich, Ralph Max
Grant, Jeannie Elmslie
Guarini, Robert Nicandro
Haayen, C. Marius, Jr.
Hafer, Robert Koser
Hand, Edmund Donald
Harris, John Harold, Jr.
Hayes, Joseph Alexander, Jr.
Hewlett, George Rothwell

Hill, Henrietta Jane
Jaggers, Donald Bruce
Johnson, Theodore DeMott, II
Kirkpatrick, George Boggs
Lacek, Thomas Peter
Langley, John Walter
Lepperd, Floyd Charles, Jr.
Ludden, Carl Thomas
Mathis, Joseph Allen
Miller, Daniel Russell
Nailor, Edwin Soltau, Jr.
Nash, William Durant
Quinn, Charles Borromeo
Ruby, Gurney Bower, Jr.

Ryder, Miriam Elizabeth Sandrock, George William Sprinkle, Ted Alvin Starrett, William Hocker Strite, Joseph Ogilby Stump, Donald Edward Taylor, Lloyd Holland, Jr. Tellet, John Herbert Torchia, C. Meade Turner, James Allen Virgin, William Philip Wharen, Robert Ellsworth Wilson, Frederick Stuphen Yaeger, Peggy Marie

#### LL.B.—BACHELOR OF LAW

Adams, Bruce C. Bare, Howard C. Bayless, Kenneth Rodgers Berlin, Bruce Atkisson Bianco, S. Thomas Boyles, Ralph Warren, Jr. Buckson, David P. Butler, Robert Ogden Byerly, Chester Howard Carpenter, William G. Combs, Samuel Edward Coppolo, Alvin B. Davis, William John Dietz, Roderic Alvin English, James R., Jr. Galbreath, Robert Ellis Graham, Clifford Price, Jr. Gray, Robert George Guthrie, John Barton Harry, Samuel Claude Hartman, Eugene Roscoe Heckel, Thomas Gregg Hopkins, Richard Wood Horner, Jack B.

Hourigan, Robert James Ifert, James Richard Koch, William B. Long, Robert William Manderbach, George Martin MacAllister, William Henry, Jr. McCartney, Samuel J., Jr. McCluskey, J. Joseph Mills, Edward Watson O'Hare, Bernard Vincent, Jr. Peiffer, William Arba Ronky, Robert Martin Allen Rubright, Wilbur Harry Schmidt, Robert Johnson Scott, John Carl Shirk, Kenelm Lawrence, Jr. Thomas, Paul R. Thompson, Frederick Thorn, William Pawling Walker, Robert Lemon Weight, Murray W. Wiser, Merle E. Zacharellis, William

# REGISTER OF STUDENTS

### FOREIGN STUDENTS

Dickinson College each year welcomes a number of Foreign Students who come for study in America. Those who are on the campus for the year 1948-49 include:

Chun, Chu Man Seoul, Korea
Chun, He Sun Seoul, Korea
Gorsira, Frederick Willemstad, Curacao, N. W. I.
Gorsira, Richard Willemstad, Curacao, N. W. I.
Helm, Arthur S Oamaru, New Zealand
Kartzke, Klaus Wilhelm Berlin, Germany
Kings, Basil Wesley Levin, Wellington, New Zealand
Lauw-Zecha, Adrian B. K Batavia C, Java
Lauw-Zecha, Allan B. H Batavia C, Java
Lin, Lan-Ying Putien, Fukien, China

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Coller, Ada K
Corson, Hampton P Philadelphia
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Croissant, Phyllis L New Kensington
Cunningham, Donald W Slippery Rock

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Davis, D. Allen Plymout	h
Davis, Frank M	le
Davis, Frank M	h
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Devoe, Marnyn F washington, N.	١.
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Dill, Mary Lynam Wilmington, De	el.
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Duncan Arthur	T
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Egan, Daniel R	u.
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Engle, William J Shenandoa	ih
Ertel, Herbert H., Jr Williamspo	rt
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Graham, Franklin J., Jr Philadelph	ia
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Henry James R McCoveril	le
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May, Frederick C	Plymouth
Mead. Robert M	Clearfield
Mechanic, William H.	Allentown
Meck, Franklin G.	Comm IIII
No. 11 No. 11 1 To	Camp miii
Wecklem, Willard F	Camp Hill
Miller, Daniel R.	Beaver
Miller, Daniel R	Quinton, N. J.
Miller, Daniel R	Quinton, N. J. Mt. Clair, N. J.
Miller, Daniel R. Miller, Gardner B. Miller, Harold E. Miller, Marjon L.	Quinton, N. J. Mt. Clair, N. J. Lemoyne
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Nagle, Hally A., Jl	Voices
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Norton, Walter S., Jr	Salem, N. J.
Obeid, Joseph	Wilkes-Barre
Padjen, Steve	Steelton
Pagano, G. Frank, Ir.	Progress
Palmer, Robert N	Mt. Carmel
Papadakos, Nicholas P.	McKeesport
Parks William A	Springfield
Pauley W Gordon	Philadelphia
Porton Paul I	Roiling Springs
Poffer Philip R	Carliele
Peterson Pohert C	Fast Chicago Ind
Potorgon Honey A	Clearfield
Dhame Charles E	Clearmen
Phayre, Charles E	Yeadon
Phillips, Theodora M	Wynnewood
Pimm, Donald W	Long Branch, N. J.
Porr, George H., Jr.	Steelton
Port, George A., Jr	Millintown
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Radford, John J	Plains
Reddig, David M	Carlisle
Reed, Ira O	Johnstown
Reiter, Alan J	. Camden, N. J.
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Ritter, Baird S	Carlisle
Ritter, Mary L	Harrisburg
Robel, Rayford A	Johnstown
Robinson, Donald A	Palmyra, N. J.
Rogers, Mary L	New Cumberland
Rollman, Robert, Jr	. Schuylkill Haven
Rosenthal, Joseph A	Walkersville, Md.
Rosskam, Richard H	Philadelphia
Rover, John N., Jr	Mercersburg
Rubright, Herbert C	Frackville
Saylor, Ray L	York
Schafmeister, Vincent I., Ir.	Camp Hill
Schuhmann, Eleanor I	Reading
Searer, Richard H	Tyrone
Seiler, Donald L	Harrisburg
Senft Layere C	Vork
Shadle Lenore I	Lock Haven
Shearer Donald K	Carlisle
Simons F M Richard	Harrishurg
Slavbaugh Eleanor I	Colora Md
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Smith Chester R	Maytown
Smith George W	Camp Hill
Somers Bernice R	Trenton N I
Sowers Marson R	I and owne
Stockhouse Robert S	Lansuowne
Storn Ellis E Ir	Contogrille
Stituted Elypood W. Ir	Coatesvine
Suite, Elwood W., Jr	Altoona

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Stout, Robert W	Atlantic Highlands, N. I.
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Stover, Chester A., Jr	Camp I'm
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Szekely, Stephen J	Carlisle
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Taylor Wannie I. Ir	Inhastown
Toylor William I	Modia
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Thompson, Barbara J	Greenwich, Conn.
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Torchia, Felice A., Ir.	Harrisburg
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Truval Bruce B	DuRois
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Tyson, william A. W	Eugewood, Md.
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Walker, William I.	Wilmington, Del.
Walnole Norman C	Tenafly N I
Weinman Dorothy F	Spring House
William And E	Spring House
Wikinson, Ann F	
Wilson, Charlotte A	Drexel Hill
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Durgin, Richard T Palmyra, N. J.
Eaby, David R Newville
Eakin, Russell F Mechanicsburg
Eater, Charles L., Jr
Eberhart, John P., Jr Yonkers, N. Y.
Eby, Marilynn L
Eisenhour, Richard E
Elder, Janet C Brooklyn, N. Y.
Ely, Theodore H Drexel Hill
Emlet, Mary L Ardmore
Enders, Rosalie R
Englander, Donald
Euker, Timothy E
Evans, Earl E.,
Evans, Richard K
Farquharson, Doris M Port Washington, N. Y.
Farrow, Royal T Riverton, N. J.
Churn, J. Thomas, III Wilmington, Del. Clem, Richard H. Meadowbrook Cliffe, John R. Hershey Coolidge, Warren F. Chambersburg Cooper, Joseph H. Halifax Corson, Ewing M. Ocean City, N. J. Lansdowne Crasty, Marilyn A. Kingston Creasy, Marilyn A. Kingston Crist, Wilmer F. Newport Crow, Robert H. Uniontown Davis, Hamilton C., Jr. Baltimore, Md. Davis, T. West Plymouth Demme, David T. Chadds Ford Dietrich, Ivan N. Fleetwood Dipple, George W. Nescopeck Distel, Jules D. Red Bank, N. J. Dreisbach, Cora A. Carlisle Dunkle, Benjamin, F., Jr. Everett Durgin, Richard T. Palmyra, N. J. Eaby, David R. Newwille Eakin, Russell F. Mechanicsburg Eater, Charles L., Jr. Camp Hill Eberhart, John P., Jr. Yonkers, N. Y. Seby, Marilynn L. Eisenhour, Richard E. Hummelstown Elder, Janet C. Brooklyn, N. Y. Enders, Rosalie R. Harrisburg Evans, Earl E., Hopewell Evans, Earl D. Riverton, N. J. Ferquson, Edna M. Philadelphia

Fischer, John	. Clifton Heights
Flandreau, Arthur C., Ir.	. Albertson, N. Y.
Ford Hugh D	Washington, N. J.
Flandreau, Arthur C., Jr. Ford, Hugh D. Fox, Mary E.	Silver Spring, Md.
Frey, Robert M.	Carlisle
Fry, Frank L., Jr	Carnsie
Galbreath, David C. Gamble, Paul M., Jr. Gault, Edwin S., Jr. Gearhart, Mark Goldberg, Gerald H. Goodfellow, Guy F. Gorsira, Frederick Greenbaum, Donald L. Gross, Marianne Gruber, Amos B. Hajjar, Albert J. Hall, Ned A. Hann, Victoria K. Harlan, William B. Harrison, Charles E. Harrison, Richard T. Harry, Stanley R. Heck, Dorothy A. Hoenstine, Donald C. Hofer, Frank N., Jr. Holcombe, Guy T., Jr. Holmes, Charles G. Houck, David R.	Delta
Gamble, Paul M., Jr	Chambersburg
Gault, Edwin S., Jr	Upper Darby
Gearhart, Mark	Allentown
Goldberg, Gerald H	Harrisburg
Goodfellow, Guy F	Hanover
Gorsira, Frederick Willemstad,	Curacao, W. Indies
Greenbaum, Donald L	Philadelphia
Gross, Marianne	Mechanicsburg
Gruber, Amos B.	Hummelstown
Hajiar, Albert I	Harrisburg
Hall Ned A	Loysburg
Hann Victoria K	Mechanicsburg
Harlan William B	Renovo
Harrison Charles E	Mt. Carmel
Harrison Richard T	Trenton, N. I.
Harry Stanley D	Plymouth
Healt Devether A	Miami Fla
Heavetine Develd C	Windher
The French N. L.	Williamsport
Holer, Frank N., Jr	Oxford
Holcombe, Guy I., Jr	Comp Hill
Holmes, Charles G	Camp IIII
Houck, David R. Houck, Paul W. Howard, Elizabeth E.	Reading
Houck, Paul W	Deltimore Md
Howard, Elizabeth E	. Baltimore, Md.
Howell, Harry A	Lewistown
Howells, John D	Snamokin
Hughes, Edward T	Scranton
Jacoby, William R	East Stroudsburg
Johannes, Robert	. Audubon, N. J.
Kaufmann, Raymond A	Philadelphia
Keating, Robert T	East Orange, N. J.
Kehler, Diane M	Pottsville
Keller, James D	Marysville
Kelly, Mary J	. Baltimore, Md.
Kenny, Joseph F., Jr	Harrisburg
King, John F	Waynesboro
Kings, Basil W	Levin, New Zealand
Kinzer, William L	Mifflintown
Klapps, John L	Sugar Notch
Klehammer, Elizabeth A	Rochester, N. Y.
Klina, James M	Kingston
Houck, Paul W. Howard, Elizabeth E. Howell, Harry A. Howells, John D. Hughes, Edward T. Jacoby, William R. Johannes, Robert Kaufmann, Raymond A. Keating, Robert T. Kehler, Diane M. Keller, James D. Kelly, Mary J. Kenny, Joseph F., Jr. King, John F. Kings, Basil W. Kinzer, William L. Klapps, John L. Klehammer, Elizabeth A. Klina, James M. Koblish, Stephen W., Jr. Krieger, LeRoy G. Kurtz, David P., Jr. Kyte, James M., Jr. LaBarre, Vernon G. Landis, Paul J., Jr. Landon, John M.	Plymouth
Krieger, LeRoy G.	Denver, Colo.
Kurtz David P. Ir	. Boiling Springs
Kyte James M Ir	Bristol
LaBarra Vernon C	Rangor
Landie Poul I Ir	Harrishurg
Landis Thomas I	Carliela
Landon John M	Crisfield Md
Landon, John M	Crisneid, Md.

I ama Dishard II	II- mishuma
Lane, Richard H	
Langdon, George L	Dallas
Laufer, Frederick D	Carlisle
Lauw-Zecha, Allen B. H	Batavia C, Java
Leedom, Harvey S	Camp Hill
Leizure, Jean Bell	Baltimore, Md.
Luciano Leo F	Harrishurg
Lundquist Carl W	Tohnstown
Lutz Robert R I Ir	Camp Hill
Lyon David	Arlington N I
McCay Stella M	Polmyra N I
McCoid Doop P	Now Vork N V
McCoo Dishard W	
McCuire Levyence II I-	
Mattuck Theres W	
McTatan I and A	Livingston, N. J.
McIntyre, Jeanne A	Harrisburg
McKown, Jared R	waynesboro
McMillan, John W., Jr	YOIK
McNeal, Mitchell E	Windber
McQuilkin, Donaldson M., Jr	Cheltenham
Mack, Thomas E	Wilkes-Barre
Mair, Robert M	Carlisle
Marsden, George W., Ir.	Philadelphia
Martel, Kenneth F	Forest Hills, Long Island, N. Y.
Mead, Lois J	Harrisburg
Meloy, Raymond P	Harrisburg
Mentzer, Elmo L	Carlisle
Meszaros, Vilma M	Albertson, N. V.
Michener, Martha J	Duncannon
Michener, Martha J	Duncannon Mahaffey
Michener, Martha J	Duncannon Mahaffey New Oxford
Michener, Martha J.  Mikesell, Donald R.  Miller, Sarah L.  Mills, Dorson S.	Duncannon Mahaffey New Oxford Elmer, N. J.
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Michener, Martha J. Mikesell, Donald R. Miller, Sarah L. Mills, Dorson S. Minnick, Nancy L. Moran, Josette E.	Duncannon Mahaffey New Oxford Elmer, N. J. Carlisle Philadelphia
Michener, Martha J. Mikesell, Donald R. Miller, Sarah L. Mills, Dorson S. Minnick, Nancy L. Moran, Josette E. Mudd, William I., Jr.	Duncannon Mahaffey New Oxford Elmer, N. J. Carlisle Philadelphia New Cumberland
Michener, Martha J. Mikesell, Donald R. Miller, Sarah L. Mills, Dorson S. Minnick, Nancy L. Moran, Josette E. Mudd, William I., Jr. Murray, James H.	Duncannon Mahaffey New Oxford Elmer, N. J. Carlisle Philadelphia New Cumberland Birdsboro
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Lane, Richard H.  Langdon, George L.  Laufer, Frederick D.  Lauw-Zecha, Allen B. H.  Leedom, Harvey S.  Leizure, Jean Bell  Luciano, Leo F.  Lundquist, Carl W.  Lutz, Robert B. J., Jr.  Lyon, David  McCay, Stella M.  McCoid, Dean B.  McGee, Richard W.  McGuire, Lawrence H., Jr.  McHugh, Thomas W.  McIntyre, Jeanne A.  McKown, Jared R.  McMillan, John W., Jr.  McNeal, Mitchell E.  McQuilkin, Donaldson M., Jr.  Mack, Thomas E.  Mair, Robert M.  Marsden, George W., Jr.  Martel, Kenneth F.  Mead, Lois J.  Meloy, Raymond P.  Mentzer, Elmo L.  Meszaros, Vilma M.  Michener, Martha J.  Mikesell, Donald R.  Miller, Sarah L.  Mills, Dorson S.  Minnick, Nancy L.  Moran, Josette E.  Mudd, William I., Jr.  Murray, James H.  Myers, Edgar K.  Nagle, Stanley C., Jr.  Neufer, P. Dale	Duncannon Mahaffey New Oxford Elmer, N. J. Carlisle Philadelphia New Cumberland Birdsboro Latrobe Carlisle Blooomsburg Bloomsburg
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Michener, Martha J. Mikesell, Donald R. Miller, Sarah L. Mills, Dorson S. Minnick, Nancy L. Moran, Josette E. Mudd, William I., Jr. Murray, James H. Myers, Edgar K. Nagle, Stanley C., Jr. Neufer, Lester P. Neufer, P. Dale Novell, Robert L. Obeid, Robert M.	Duncannon Mahaffey New Oxford Elmer, N. J. Carlisle Philadelphia New Cumberland Birdsboro Latrobe Carlisle Bloomsburg Bloomsburg Norristown Wilkes-Barre
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Michener, Martha J. Mikesell, Donald R. Miller, Sarah L. Mills, Dorson S. Minnick, Nancy L. Moran, Josette E. Mudd, William I., Jr. Murray, James H. Myers, Edgar K. Nagle, Stanley C., Jr. Neufer, Lester P. Neufer, P. Dale Novell, Robert L. Obeid, Robert L. Obeid, Robert M. Obermiller, Ann L. Oeschger, Donald E. Olewine, Donald A. Orton, Edward W. Overholt, Weston C., Jr. Oyler, Fred D. Parker, Albert E.	Duncannon Mahaffey New Oxford Elmer, N. J. Carlisle Philadelphia New Cumberland Birdsboro Latrobe Carlisle Blooomsburg Bloomsburg Norristown Wilkes-Barre Ambler Lancaster Harrisburg Chicago, Ill. Norwood Newville Palmyya, N. J.
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Michener, Martha J. Mikesell, Donald R. Miller, Sarah L. Mills, Dorson S. Minnick, Nancy L. Moran, Josette E. Mudd, William I., Jr. Murray, James H. Myers, Edgar K. Nagle, Stanley C., Jr. Neufer, Lester P. Neufer, P. Dale Novell, Robert L. Obeid, Robert M. Obermiller, Ann L. Oeschger, Donald E. Olewine, Donald E. Olewine, Donald A. Orton, Edward W. Overholt, Weston C., Jr. Oyler, Fred D. Parker, Albert E. Paviol, James A. Paxton, Paul R. Pearce, Maxine E.	Duncannon Mahaffey New Oxford Elmer, N. J. Carlisle Philadelphia New Cumberland Birdsboro Latrobe Carlisle Blooomsburg Bloomsburg Bloomsburg Wilkes-Barre Ambler Lancaster Harrisburg Chicago, Ill. Norwood Newville Palmyra, N. J. Carlisle New Cumberland Ridlev Park
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Michener, Martha J. Mikesell, Donald R. Miller, Sarah L. Mills, Dorson S. Minnick, Nancy L. Moran, Josette E. Mudd, William I., Jr. Murray, James H. Myers, Edgar K. Nagle, Stanley C., Jr. Neufer, Lester P. Neufer, P. Dale Novell, Robert L. Obeid, Robert L. Obeid, Robert M. Obermiller, Ann L. Oeschger, Donald E. Olewine, Donald A. Orton, Edward W. Overholt, Weston C., Jr. Oyler, Fred D. Parker, Albert E. Paviol, James A. Paxton, Paul R. Pearce, Maxine E. Pejokovich, Michael Peters, Mary K.	Duncannon Mahaffey New Oxford Elmer, N. J. Carlisle Philadelphia New Cumberland Birdsboro Latrobe Carlisle Blooomsburg Bloomsburg Bloomsburg Norristown Wilkes-Barre Ambler Lancaster Harrisburg Chicago, Ill. Norwood Newville Palmyra, N. J. Carlisle New Cumberland Ridley Park Frackville
Michener, Martha J. Mikesell, Donald R. Miller, Sarah L. Mills, Dorson S. Minnick, Nancy L. Moran, Josette E. Mudd, William I., Jr. Murray, James H. Myers, Edgar K. Nagle, Stanley C., Jr. Neufer, Lester P. Neufer, P. Dale Novell, Robert L. Obeid, Robert M. Obermiller, Ann L. Oeschger, Donald E. Olewine, Donald A. Orton, Edward W. Overholt, Weston C., Jr. Oyler, Fred D. Parker, Albert E. Paviol, James A. Paxton, Paul R. Pearce, Maxine E. Pejokovich, Michael Peters, Mary K. Petersen, Ellen M.	Duncannon Mahaffey New Oxford Elmer, N. J. Carlisle Philadelphia New Cumberland Birdsboro Latrobe Carlisle Blooomsburg Bloomsburg Bloomsburg Norristown Wilkes-Barre Ambler Lancaster Harrisburg Chicago, Ill. Norwood Newville Palmyra, N. J. Carlisle New Cumberland Ridley Park Frackville Gardners
Michener, Martha J. Mikesell, Donald R. Miller, Sarah L. Mills, Dorson S. Minnick, Nancy L. Moran, Josette E. Mudd, William I., Jr. Murray, James H. Myers, Edgar K. Nagle, Stanley C., Jr. Neufer, Lester P. Neufer, P. Dale Novell, Robert L. Obeid, Robert M. Obermiller, Ann L. Oeschger, Donald E. Olewine, Donald A. Orton, Edward W. Overholt, Weston C., Jr. Oyler, Fred D. Parker, Albert E. Paviol, James A. Paxton, Paul R. Pearce, Maxine E. Pejokovich, Michael Peters, Mary K. Petersen, Ellen M. Peterson, Ethel C.	Duncannon Mahaffey New Oxford Elmer, N. J. Carlisle Philadelphia New Cumberland Birdsboro Latrobe Carlisle Blooomsburg Bloomsburg Bloomsburg Norristown Wilkes-Barre Ambler Lancaster Harrisburg Chicago, Ill. Norwood Newville Palmyra, N. J. Carlisle New Cumberland Ridley Park Frackville Gardners Prospect Park

Phillipy, William T., III Polisher, Charles K. Prager, E. Richard Reader, Willard D., Jr. Rehr, Bruce R. Renner, Richard R. Renninger, Harris R. Rheam Marion V.	Carlisle
Polisher, Charles K	Philadelphia
Prager, E. Richard	Riverside, N. I.
Reader, Willard D. Ir	New Brighton
Rehr. Bruce R	Reading
Renner Richard P	Tittlestown
Renninger Harrie D	Chamalin
Phoem Morion V	Snamokin
Pice Levis C II	Snermansdale
Picharda Daniel W III	I renton, N. J.
Pichards Thomas W.	
Ricch Virginia D	Diagontsille N. I.
Robbine Paula C	New Pachelle N. V.
Roberts Tosanh P T	New Rochene, N. Y.
Robinson Patrick P	Bangor
Rodenbaugh Wayne K	Towistown
Rodman Theodore	Atlantic City N I
Rogers Alice D	Collingary and N. J.
Rosenthal Charles T	. Comingswood, N. J.
Rosenthal Lenore	Now Work N W
Scatton John G	Hazelton
Schmitt Trene C	
Seivwright I Sheils	Didley Dark
Shaffer Allen	Millershurg
Shaffer Earl D Ir	Philadelphia
Shaud Russell C	Apprille
Sheaffer Sterlen S	Carliela
Shelley Fitzhugh W	Steelton
Shelley, Frank W	Steelton
Shope, Samuel P.	Haddonfield N I
Simmonds, Jay E.	Ardsley N V
Simonitis, William P.	Wilkes-Rarre
Slacum, Robert S	Westmont, N. I.
Smith, C. Grant	. New York, N. Y.
Smith, William L	Chester
Snoke, Paul S	Lemoyne
Spies, Frederic K	Reading
Stacks, Jacob C., Jr	Pittsburgh
Stebbins, David T	Pittsburgh
Steigerwalt, Claude H., Jr	New Cumberland
Steiner, Eugene R	Turtle Creek
Stella, Carl J	Bristol, Conn.
Stephens, Marian J	Drexel Hill
Stoner, James E	Lemoyne
Stover, Joseph G	Tyrone
Stretch, Robert C	Philadelphia
Strong, Joy C	Sayville, N. Y.
Sunday, Walter D	Carlisle
Taft, Phyllis	Bethlehem
Tait, Arthur L	Fayetteville
Taylor, David H	Cumberland, Md.
Thompson, Mahlon M	Trenton, N. J.
Thompson, William R	Altoona
Towe, Harry B	. Rutherford, N. J.
Trask, Joseph M	Southwest Harbor, Me.
Rehr, Bruce R. Renner, Richard R. Renninger, Harris R. Rheam, Marion V. Rice, Louis S., II Richards, Daniel W., III Richards, Thomas W. Rieck, Virginia D. Robbins, Paula G. Roberts, Joseph B., Jr. Robinson, Patrick R. Rodenbaugh, Wayne K. Rodman, Theodore Rogers, Alice R. Rosenthal, Charles J. Rosenthal, Lenore Scatton, John G. Schmitt, Irene C. Seiwwright, J. Sheila Shaffer, Allen Shaffer, Earl D., Jr. Shaud, Russell C. Sheaffer, Sterlen S. Shelley, Fitzhugh W. Shope, Samuel P. Simmonds, Jay E. Simonitis, William P. Slacum, Robert S. Smith, C. Grant Smith, C. Grant Smith, William L. Snoke, Paul S. Spies, Frederic K. Stacks, Jacob C., Jr. Stebbins, David T. Steiperwalt, Claude H., Jr. Steiner, Eugene R. Stella, Carl J. Stephens, Marian J. Stephens, Marian J. Stener, James E. Stover, Joseph G. Stretch, Robert C. Strong, Joy C. Sunday, Walter D. Taft, Phyllis Tait, Arthur L. Taylor, David H. Thompson, Mahlon M. Thompson, Mahlon M. Thompson, William R. Towe, Harry B. Trask, Joseph M. Uhland, Eleanor L.	Carlisle

Vencius, Armas V Jamaica, L. I., N. Y.
Wachs, Morton J
Waldron, Mary G
Walker, Charles H Millville, N. J.
Wallace, Douglas M Brooklyn, N. Y.
Wallower, Robert R
Walsh, Charles V., Jr
Watkins, John M
Weinstein, Robert J Brooklyn, N. Y.
Westover, Lemoyne B
Welyman, Walther T Vineland, N. J.
Wian, James O., II Lewistown
Wicke, Shirley J Pittsburgh
Wilgus, John P Lansdowne
Williams, David H., Jr Allentown
Williams, J. Carl Roaring Spring
Wilson, Lorna K
Wilson, William D
Winters, Daniel B Pittsburgh
Wolf, Richard C
Wolfe, Robert E Lebanon
Wythes, Elizabeth J
Young, Maxim F Trenton, N. J.
Zeigler, William A
Ziegler, Joyce A Limerick

### SOPHOMORES

Abbott, James K Lewistown
Adams, Marie A Lebanon
Ahl, George W., Jr
Albright, Robert W
Alfred, Barbara J Camp Hill
Ammerman, David S Curwensville
Anderson, Lynn F
Anthony, Joseph E., Jr
Arnold, James K
Arseniu, Helen Lewistown
Averill, Jane Elizabeth, N. J.
Ayres, Margaret A
Bailey, George E., Jr Millville, N. J.
Bain, Nancy L Washington, D. C.
Baker, Elizabeth E
Balch, Holland S
Baner, Jennie L Syracuse, N. Y.
Barnitz, Barbara G
Bartoli, Nancy
Back Edward I
Beck, Edward L
Benedict Albert C
Benedict, Albert C Brooklyn, N. Y.
Bennett, Gilbert F Red Bank, N. J.
Berkheimer, Henry E Williamsport
Berry, Robert E Lansdowne
Bishop, Wilbur C., Jr
Boag, John D
Bobb, Frances E

	Minersville
Bott, Alan  Bowers, James G.  Bradley, Joseph M., Jr.  Branin, Howard S., Jr.	Chambersburg
Brodley Joseph M Ir	Mechanicsburg
Propin Howard S Ir	Millville, N. I.
Brehm, Carroll F.	Plainfield
Brenm, Carron F	Chamberchurg
Bricker, Norman R., Jr. Brizendine, Donald H.	Poltimore Md
Brizendine, Donald H	Baitimore, Mid.
Brown, Alice J	Barnesboro
Brown, Marian P	Tamovna
Brown, Richard E	Ocean City N I
Browniee, William	Haverford
Browne, Frederick J	Camp Hill
Corlon Elton E	Turtlepoint
Clark John F	Carlisle
Brizendine, Donald H. Brown, Alice J. Brown, Marian P. Brown, Richard E. Brownlee, Miriam Browne, Frederick J. Bunisk, Christine L. Carlson, Elton F. Clark, John E. Clark, Robert E., Jr Claster, Robert E. Coffman, John S. Cornell, Thomas H. Crawshaw, Alan S. Cressler, Lynn S.	Wilmington, Del
Clotter Robert F	Philadelphia
Coffman John S	Lewisherry
Cornell Thomas H	Lock Haven
Crawshaw Alan S	St. Clair
Cressler Lynn S	Newville
Croop Fred I	Plymouth
Croop, James W.	Kingston
Da Rodda, Aldo I.	Summit Hill
Davies, Robert B	Sinking Springs
Davies, William E	Harrisburg
Crawshaw, Alan S. Cressler, Lynn S. Croop, Fred J. Croop, James W. Da Rodda, Aldo J. Davies, Robert B. Davies, William E. Davis, Dixon J.	Dillsburg
Davis, Nicholas L	Shamokin
Davis William E In	7.4-1:-
Davis, William E., Jr	Media
Dean, William J	Colonial Park
Dean, William J. Deissler, Howard E.	Colonial Park West Englewood, N. J.
Dean, William J. Deissler, Howard E. Denlinger, William H.	Colonial Park West Englewood, N. J. Haddon Heights, N. J.
Dean, William J. Deissler, Howard E. Denlinger, William H. Derick, Nancy E.	Colonial Park West Englewood, N. J. Haddon Heights, N. J. Sunbury
Dean, William E., Jr. Dean, William J. Deissler, Howard E. Denlinger, William H. Derick, Nancy E. Dewey, Richard A.	Colonial Park West Englewood, N. J. Haddon Heights, N. J. Sunbury Philadelphia
Dean, William J.  Deissler, Howard E.  Denlinger, William H.  Derick, Nancy E.  Dewey, Richard A.  Dey, LeRoy J.	Colonial Park West Englewood, N. J. Haddon Heights, N. J. Sunbury Philadelphia Prospect Plains, N. J.
Davis, William E., Jr. Dean, William J. Deissler, Howard E. Denlinger, William H. Derick, Nancy E. Dewey, Richard A. Dey, LeRoy J. Doll, Warren J.	Colonial Park West Englewood, N. J. Haddon Heights, N. J. Sunbury Philadelphia Prospect Plains, N. J. Mt. Wolf
Davis, William E., Jr. Dean, William J. Deissler, Howard E. Denlinger, William H. Derick, Nancy E. Dewey, Richard A. Dey, LeRoy J. Doll, Warren J. Dyer, Lucille F.	Colonial Park West Englewood, N. J. Haddon Heights, N. J. Sunbury Philadelphia Prospect Plains, N. J. Mt. Wolf Harrisburg
Davis, William E., Jr. Dean, William J. Deissler, Howard E. Denlinger, William H. Derick, Nancy E. Dewey, Richard A. Dey, LeRoy J. Doll, Warren J. Dyer, Lucille F. Edel, Wilma W.	Colonial Park West Englewood, N. J. Haddon Heights, N. J. Sunbury Philadelphia Prospect Plains, N. J. Mt. Wolf Harrisburg Carlisle
Davis, William J. Dean, William J. Deissler, Howard E. Denlinger, William H. Derick, Nancy E. Dewey, Richard A. Dey, LeRoy J. Doll, Warren J. Dyer, Lucille F. Edel, Wilma W. Edinger, Mary J.	Colonial Park West Englewood, N. J. Haddon Heights, N. J. Sunbury Philadelphia Prospect Plains, N. J. Mt. Wolf Harrisburg Carlisle Carlisle
Davis, William L., Jr. Dean, William J. Deissler, Howard E. Denlinger, William H. Derick, Nancy E. Dewey, Richard A. Dey, LeRoy J. Doll, Warren J. Dyer, Lucille F. Edel, Wilma W. Edinger, Mary J. Eppley, Robert D.	Colonial Park West Englewood, N. J. Haddon Heights, N. J. Sunbury Philadelphia Prospect Plains, N. J. Mt. Wolf Harrisburg Carlisle Carlisle Carlisle
Dean, William J. Deissler, Howard E. Denlinger, William H. Derick, Nancy E. Dewey, Richard A. Dey, LeRoy J. Doll, Warren J. Dyer, Lucille F. Edel, Wilma W. Edinger, Mary J. Eppley, Robert D. Eshback, Ella-Jean	Colonial Park West Englewood, N. J. Haddon Heights, N. J. Sunbury Philadelphia Prospect Plains, N. J. Mt. Wolf Harrisburg Carlisle Carlisle Bushkill
Davis, William E., Jr. Dean, William J. Deissler, Howard E. Denlinger, William H. Derick, Nancy E. Dewey, Richard A. Dey, LeRoy J. Doll, Warren J. Dyer, Lucille F. Edel, Wilma W. Edinger, Mary J. Eppley, Robert D. Eshback, Ella-Jean Eshelman, Ruth E.	Colonial Park West Englewood, N. J. Haddon Heights, N. J. Sunbury Philadelphia Prospect Plains, N. J. Mt. Wolf Harrisburg Carlisle Carlisle Bushkill Harrisburg
Davis, William E., Jr. Dean, William J. Deissler, Howard E. Denlinger, William H. Derick, Nancy E. Dewey, Richard A. Dey, LeRoy J. Doll, Warren J. Dyer, Lucille F. Edel, Wilma W. Edinger, Mary J. Eppley, Robert D. Eshback, Ella-Jean Eshelman, Ruth E. Evans, James W.	Colonial Park West Englewood, N. J. Haddon Heights, N. J. Sunbury Philadelphia Prospect Plains, N. J. Mt. Wolf Harrisburg Carlisle Carlisle Carlisle Carlisle Bushkill Harrisburg Ashland, Mass.
Davis, William J. Dean, William J. Deissler, Howard E. Denlinger, William H. Derick, Nancy E. Dewey, Richard A. Dey, LeRoy J. Doll, Warren J. Dyer, Lucille F. Edel, Wilma W. Edinger, Mary J. Eppley, Robert D. Eshback, Ella-Jean Eshelman, Ruth E. Evans, James W. Fairall, Richard P. P.	Colonial Park West Englewood, N. J. Haddon Heights, N. J. Sunbury Philadelphia Prospect Plains, N. J. Mt. Wolf Harrisburg Carlisle Carlisle Carlisle Bushkill Harrisburg Ashland, Mass. Steelton
Dean, William J. Deas, William J. Deissler, Howard E. Denlinger, William H. Derick, Nancy E. Dewey, Richard A. Dey, LeRoy J. Doll, Warren J. Dyer, Lucille F. Edel, Wilma W. Edinger, Mary J. Eppley, Robert D. Eshback, Ella-Jean Eshelman, Ruth E. Evans, James W. Fairall, Richard P. P. Falvello, Anthony C.	Colonial Park West Englewood, N. J. Haddon Heights, N. J. Sunbury Philadelphia Prospect Plains, N. J. Mt. Wolf Harrisburg Carlisle Carlisle Carlisle Bushkill Harrisburg Ashland, Mass. Steelton Hazelton Ballefonte
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Davies, William E. Davis, Dixon J. Davis, Nicholas L. Davis, William E., Jr. Dean, William E., Jr. Deissler, Howard E. Denlinger, William H. Derick, Nancy E. Dewey, Richard A. Dey, LeRoy J. Doll, Warren J. Dyer, Lucille F. Edel, Wilma W. Edinger, Mary J. Eppley, Robert D. Eshback, Ella-Jean Eshelman, Ruth E. Evans, James W. Fairall, Richard P. P. Falvello, Anthony C. Favuzza, Joseph E. Feldman, Lawrence B. Fereshetian, Robert H. Filson, William L. Fluent, Marjorie J. Frazer, John E. Frazier, Margaret L. From, Walter L. From, Walter L. Fry, Ida A. Gable, William H. Garvin, Archibald, Jr.	Colonial Park West Englewood, N. J. Haddon Heights, N. J. Sunbury Philadelphia Prospect Plains, N. J. Mt. Wolf Harrisburg Carlisle Carlisle Carlisle Bushkill Harrisburg Ashland, Mass. Steelton Hazelton Bellefonte Philadelphia Philadelphia Philadelphia Folsom Harrisburg Mechanicsburg Mochanicsburg Norristown Wilmington, Del. Ephrata Shiremanstown Penn's Park

Gavin, John R	Oil City
Gemmill, Jean M	Berkeley Heights, N. J.
Gerber, Francis C.	Summit Hill
Gerber, Jerome H.	Harrishurg
Couty Non D	Delmorten
Gertz, Nan R.	Paimerton
Gette, Richard A	Philipsburg
Gilpatrick, Nevin B., Jr	Philipsburg
Gingrich, James W	Lemoyne
Gipple, Joan E	New Cumberland
Goldblatt, Seymour Z	Port Norris, N. J.
Gorsira, Richard Willer	nstad, Curacao, N. W. I.
Grote, Charles H., Jr	Glenville
Haddock, Sarah L	Wilmington, Del.
Harasty, Zoltan A	Somerville, N. J.
Hawkins, Joan E	. New Rochelle, N. Y.
Henderson, Joseph H., Jr	Shiremanstown
Hershberger, James K	New Enterprise
Hicks, Richard E	Audubon, N. J.
High, Carl A	Spring City
Hill, William M., Jr	Warren
Holmes, Helen A	Drexel Hill
Hopkins, Joseph A	Chester
Horner, Suzanne E	Carlisle
Howell, Charles W	Abington
Hover, Dorothy L.	Sinking Springs
Hull, Harold L	Harrisburg
Humphreys, Burrell I.	Merchantville, N. I.
Hunter, Margaret A.	Merchantville, N. I.
Hurley Mildred E	Carlisle
Irwin, Harold S. Ir	Carlisle
Jacobs, Edward B	Lemoyne
Toesting Tudith A	Arnold Md
Johnson, Patricia L.	Allison Park
Johnson Raymond F Ir	Bradley Reach, N. I.
Tordan William A II	Redford
Kasse Richard C	Rockville Center N V
Kammerer Fred D	Newville
Karanavich David	Duqueene
Karas Michael S	
Keesey Tames C	Dravel Lill
Kindle Clan W	Clayton N I
Kietler Philip F	West Charter
Kline Joan C	West Town
Knobleuch Ignot M	Trantan M I
Voltney Harman D	Atlantia Cita N. J.
Voors Vorl E	. Atlantic City, N. J.
Vonf Constance I	Harrisburg
Word Women W	. Staten Island, N. Y.
Vyonka Carol H	lower City
Vaidal Alvin C. I.	Kadburn, N. J.
Wriebel, Alvin C., Jr	Chester
Kynett, Margaret C	Springfield
Latch, Kleta C	Washington, D. C.
Layton, Kobert E	Avon-by-the-Sea, N. J.
Lee, Charles S., Jr	Philadelphia
Lehmer, Jane M	Dillsburg
Gerber, Francis C Gerber, Jerome H. Gertz, Nan R. Gette, Richard A. Gilpatrick, Nevin B., Jr. Gingrich, James W. Gipple, Joan E. Goldblatt, Seymour Z. Gorsira, Richard Grote, Charles H., Jr. Haddock, Sarah L. Harasty, Zoltan A. Hawkins, Joan E. Henderson, Joseph H., Jr. Hershberger, James K. Hicks, Richard E. Hill, William M., Jr. Holmes, Helen A. Hopkins, Joseph A. Horner, Suzanne E. Howell, Charles W. Hoyer, Dorothy L. Hull, Harold L. Humphreys, Burrell I. Hunter, Margaret A. Hurley, Mildred E. Irwin, Harold S., Jr. Jacobs, Edward B. Joesting, Judith A. Johnson, Patricia L. Johnson, Raymond F., Jr. Jordan, William A., II Kaase, Richard C. Kammerer, Fred D. Karanovich, David Karas, Michael S. Keesey, James C. Kindle, Glen W. Kistler, Philip E. Kline, Joan C. Knoblauch, Janet M. Koltnow, Herman R. Koons, Karl E. Kopf, Constance L. Kopp, Warren W. Kranke, Carol H. Kriebel, Alvin C., Jr. Kynett, Margaret C. Latch, Rieta C. Latch,	Harrisburg

Leizure, Robert Z	Daltimore Md
T D 11 T	Baltimore, Mu.
Leizure, Robert Z.  Lenny, Betty J.  Lewis, Martin T.  Lichtenstein, Lawrence J.  Lins, Richard W.	New York, N. Y.
Lewis, Martin T	Brooklyn, N. Y.
Lichtenstein, Lawrence J	Philadelphia
Lins, Richard W.	Bedford
Long Vivian G	Harrisburg
Lavell Nove I	Coalport
Tymph Tayona D	Carlisla
MacCrosse Jose J	Clareida
MacGregor, Joan J	Candon City N V
McEntee, Inomas H	. Garden City, N. 1.
McFassel, John H	Philadelphia
McKeown, David W	Maplewood, N. J.
McMullen, Barbara A	Brooklyn, N. Y.
McMullen, Margaret L	Springfield, N. J.
Mahaley, John C	Coudersport
Mancuso, Marie C	Mechanicsburg
Martin, Charlotte M	North Benton, O.
Martin, Madge	Carlisle
Masten, Ralph A., Jr	York Haven
Memmi, Villie	Three Springs
Meneses, Oscar W	Yeadon
Merriken, Calvert C., Ir.	Benton, Md.
Metzger, Polly A	Jackson Heights, N. Y.
Miller, Gerald I.	Huntingdon
Lins, Richard W. Long, Vivian G. Lovell, Nora J. Lynch, Jerome B. MacGregor, Joan J. McEntee, Thomas H. McFassel, John H. McKeown, David W. McMullen, Barbara A. McMullen, Margaret L. Mahaley, John C. Mancuso, Marie C. Martin, Charlotte M. Martin, Madge Masten, Ralph A., Jr. Memmi, Villie Meneses, Oscar W. Merriken, Calvert C., Jr. Metzger, Polly A. Miller, Gerald L. Miller, Joseph J. Miller, Paul E. Miller, Pobert E.	Bangor
Miller Paul E.	Carlisle
Miller Wilbur H Ir	New Oxford
Mills Robert E	West Chester
Minster, John D.	Elkton, Md.
Mohler, Emily G.	Washington, D. C.
Mooradian, Moorad G	DI 11 1 1 1 1 1 1
	Philadelphia
Morgan, William D	Scranton
Morgan, William D	Scranton Wilkes-Barre
Morgan, William D	Scranton Wilkes-Barre Lemoyne
Morgan, William D. Mortensen, Garrett P. Morton, Barbara A. Mumma Robert I.	Scranton Wilkes-Barre Lemoyne Dauphin
Morgan, William D.  Mortensen, Garrett P.  Morton, Barbara A.  Mumma, Robert L.  Murray, Richard I	Scranton Wilkes-Barre Lemoyne Dauphin Somerville, N. L.
Morgan, William D.  Mortensen, Garrett P.  Morton, Barbara A.  Mumma, Robert L.  Murray, Richard J.  Nevitt Janne M	Scranton Wilkes-Barre Lemoyne Dauphin Somerville, N. J. Carlisle
Morgan, William D.  Mortensen, Garrett P.  Morton, Barbara A.  Mumma, Robert L.  Murray, Richard J.  Nevitt, Joanne M.  Newman, Dorothy, Tyon	
Morgan, William D.  Mortensen, Garrett P.  Morton, Barbara A.  Mumma, Robert L.  Murray, Richard J.  Nevitt, Joanne M.  Newman, Dorothy Tyson  Newman Harry E.	
Miller, Paul E. Miller, Wilbur H., Jr. Mills, Robert E. Minster, John D. Mohler, Emily G. Mooradian, Moorad G. Morgan, William D. Mortensen, Garrett P. Morton, Barbara A. Mumma, Robert L. Murray, Richard J. Nevitt, Joanne M. Newman, Dorothy Tyson Newman, Harry E. Nickel Lames A.	
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Morgan, William D.  Mortensen, Garrett P.  Morton, Barbara A.  Mumma, Robert L.  Murray, Richard J.  Nevitt, Joanne M.  Newman, Dorothy Tyson  Newman, Harry E.  Nickel, James A.  Nielson, Barbara A.  Orth, Emil J., Jr.  Outcalt, Norman R.	Scranton Scranton Wilkes-Barre Lemoyne Dauphin Somerville, N. J. Carlisle Hobgood, N. C. Harrisburg Duncannon Brooklyn, N. Y. West Englewood, N. J.
Morgan, William D. Mortensen, Garrett P. Morton, Barbara A. Mumma, Robert L. Murray, Richard J. Nevitt, Joanne M. Newman, Dorothy Tyson Newman, Harry E. Nickel, James A. Nielson, Barbara A. Orth, Emil J., Jr. Outcalt, Norman R. Palmer, Mary A.	Scranton Wilkes-Barre Lemoyne Dauphin Somerville, N. J. Carlisle Hobgood, N. C. Harrisburg Duncannon Brooklyn, N. Y. West Englewood, N. J. Philadelphia Lancaster
Morgan, William D. Mortensen, Garrett P. Morton, Barbara A. Mumma, Robert L. Murray, Richard J. Nevitt, Joanne M. Newman, Dorothy Tyson Newman, Harry E. Nickel, James A. Nielson, Barbara A. Orth, Emil J., Jr. Outcalt, Norman R. Palmer, Mary A. Parker William R.	Scranton Wilkes-Barre Lemoyne Dauphin Somerville, N. J. Carlisle Hobgood, N. C. Harrisburg Duncannon Brooklyn, N. Y. West Englewood, N. J. Philadelphia Lancaster Plymouth
Morgan, William D. Mortensen, Garrett P. Morton, Barbara A. Mumma, Robert L. Murray, Richard J. Nevitt, Joanne M. Newman, Dorothy Tyson Newman, Harry E. Nickel, James A. Nielson, Barbara A. Orth, Emil J., Jr. Outcalt, Norman R. Palmer, Mary A. Parker, William R. Peck Robert A.	Scranton  Scranton  Wilkes-Barre  Lemoyne  Dauphin  Somerville, N. J.  Carlisle  Hobgood, N. C.  Harrisburg  Duncannon  Brooklyn, N. Y.  West Englewood, N. J.  Philadelphia  Lancaster  Plymouth  New Stanton
Morgan, William D. Mortensen, Garrett P. Morton, Barbara A. Mumma, Robert L. Murray, Richard J. Nevitt, Joanne M. Newman, Dorothy Tyson Newman, Harry E. Nickel, James A. Nielson, Barbara A. Orth, Emil J., Jr. Outcalt, Norman R. Palmer, Mary A. Parker, William R. Peck, Robert A.	Scranton  Scranton  Wilkes-Barre  Lemoyne  Dauphin  Somerville, N. J.  Carlisle  Hobgood, N. C.  Harrisburg  Duncannon  Brooklyn, N. Y.  West Englewood, N. J.  Philadelphia  Lancaster  Plymouth  New Stanton  Troy, N. Y.
Morgan, William D. Mortensen, Garrett P. Morton, Barbara A. Mumma, Robert L. Murray, Richard J. Nevitt, Joanne M. Newman, Dorothy Tyson Newman, Harry E. Nickel, James A. Nielson, Barbara A. Orth, Emil J., Jr. Outcalt, Norman R. Palmer, Mary A. Parker, William R. Peck, Robert A. Peckham, William M., Jr.	Scranton Scranton Wilkes-Barre Lemoyne Dauphin Somerville, N. J. Carlisle Hobgood, N. C. Harrisburg Duncannon Brooklyn, N. Y. West Englewood, N. J. Philadelphia Lancaster Plymouth New Stanton Troy, N. Y. Carlisle
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Morgan, William D. Mortensen, Garrett P. Morton, Barbara A. Mumma, Robert L. Murray, Richard J. Nevitt, Joanne M. Newman, Dorothy Tyson Newman, Harry E. Nickel, James A. Nielson, Barbara A. Orth, Emil J., Jr. Outcalt, Norman R. Palmer, Mary A. Parker, William R. Peck, Robert A. Peckham, William M., Jr. Peffer, James W. Piper, Donald E. Pond, Elinor, I.	Scranton  Scranton  Wilkes-Barre  Lemoyne  Dauphin  Somerville, N. J.  Carlisle  Hobgood, N. C.  Harrisburg  Duncannon  Brooklyn, N. Y.  West Englewood, N. J.  Philadelphia  Lancaster  Plymouth  New Stanton  Troy, N. Y.  Carlisle  Dry Run  Hollis N. V.
Morgan, William D. Mortensen, Garrett P. Morton, Barbara A. Mumma, Robert L. Murray, Richard J. Nevitt, Joanne M. Newman, Dorothy Tyson Newman, Harry E. Nickel, James A. Nielson, Barbara A. Orth, Emil J., Jr. Outcalt, Norman R. Palmer, Mary A. Parker, William R. Peck, Robert A. Peckham, William M., Jr. Peffer, James W. Piper, Donald E. Pond, Elinor J.	Scranton  Scranton  Wilkes-Barre  Lemoyne  Dauphin  Somerville, N. J.  Carlisle  Hobgood, N. C.  Harrisburg  Duncannon  Brooklyn, N. Y.  West Englewood, N. J.  Philadelphia  Lancaster  Plymouth  New Stanton  Troy, N. Y.  Carlisle  Dry Run  Hollis, N. Y.
Morgan, William D. Mortensen, Garrett P. Morton, Barbara A. Mumma, Robert L. Murray, Richard J. Nevitt, Joanne M. Newman, Dorothy Tyson Newman, Harry E. Nickel, James A. Nielson, Barbara A. Orth, Emil J., Jr. Outcalt, Norman R. Palmer, Mary A. Parker, William R. Peck, Robert A. Peckham, William M., Jr. Peffer, James W. Piper, Donald E. Pond, Elinor J. Pooley, James C. Prescott Robert M.	Scranton  Scranton  Wilkes-Barre  Lemoyne  Dauphin  Somerville, N. J.  Carlisle  Hobgood, N. C.  Harrisburg  Duncannon  Brooklyn, N. Y.  West Englewood, N. J.  Philadelphia  Lancaster  Plymouth  New Stanton  Troy, N. Y.  Carlisle  Dry Run  Hollis, N. Y.  Chester
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